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PATENTS and REFERENCES.

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Lists of United States Patents

FOR

Cycles or Velocipedes with Attachments

1789, to July, 1893,

UNDER 72 NUMERICAL SUBDIVISIONS,

SUPPLEMENT TO THE DIGEST OF CYCLES OR VELOCIPEDES WITH ATTACHMENTS, 1789-1891,

ALSO

Cycle Monthly,

BEGINNING 1892, TO AND INCLUDING JUNE, 1893; WITH THE NUMBER,
NAME, AND DATE OF THE REFERENCES CITED IN
THE EXAMINATION OF APPLICATIONS
BEFORE THE

United States Patent Office,

INCLUDING

INTERFERENCES, THE PARTIES TO THEM, AND THE FINAL DECISION.



COMPILED AND ARRANGED BY

JAMES T. ALLEN,

EXAMINER U. S. PATENT OFFICE, " WASHINGTON, D. C.

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TL 430
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7-3449

Number of First Patent in Each Calendar Year.

	Patents.	Reissues.		Patents.	Reissues.		Patents.	Reissues.
1836, July 28.	1	1856.	14,009	337	1876.	171,641	6,831	
1837.	110	1857.	16,324	420	1877.	185,813	7,452	
1838.	546	1858.	19,010	517	1878.	198,733	8,020	
1839.	1,061	1859.	22,477	643	1879.	211,078	8,529	
1840.	1,465	1860.	26,642	874	1880.	223,211	9,017	
1841.	1,923	1861.	31,005	1,066	1881.	236,137	9,523	
1842.	2,413	1862.	34,945	1,253	1882.	251,685	9,994	
1843.	2,901	1863.	37,266	1,306	1883.	260,820	10,265	
1844.	3,395	1864.	41,047	1,596	1884.	261,016	10,432	
1845.	3,873	1865.	45,685	1,844	1885.	310,163	10,548	
1846.	4,348	1866.	51,784	2,140	1886.	333,494	10,677	
1847.	4,914	1867.	60,658	2,430	1887.	355,291	10,793	
1848.	5,400	1868.	72,959	2,830	1888.	375,720	10,892	
1849.	5,993	1869.	85,503	3,250	1889.	395,305	10,978	
1850.	6,681	1870.	98,460	3,784	1890.	418,665	11,053	
1851.	7,865	1871.	110,617	4,223	1891.	443,987	11,137	
1852.	8,622	1872.	122,304	4,687	1892.	466,315	11,217	
1853.	9,512	1873.	134,504	5,216	1893.	488,976	11,298	
1854.	10,358	1874.	146,120	5,717	1894.	511,744	11,397	
1855.	12,117	1875.	158,350	6,200				

Errata.

Page, 5. Make Safeties, With or Without Chain, Foot Propelled,
read Safeties, Without Chain, Foot Propelled.
Page, 10. Make 4,442 read 448,442.
Page, 70. Make 281,633 read 281,933.
Page, 74. After the Caption 357,120 insert the following viz.

358,531 Behringer, Charles, March 1,
1887, 915 415
References—Huber, 303,285. Aug. 12, 1884.
359,045 Wilson, William J., March 8,
1887, 915 415
References—Bruce, 309,193. Dec. 16, 1884.

Devalin, 81,758. Sept. 1, 1868.
113,336, of 1846. English.

359,745 Smith, William E., March 22,
1887, 916 415

References—Butler, 308,747. Dec. 2, 1884.
Blackham, 311,803. Feb. 3, 1885.
Jefferson, 243,569. June 28, 1881.
882 of 1876. English.
Bowen, 328,280. Oct. 13, 1885.
Grant, 320,930. June 30, 1885.
Valiquet, 313,460. March 30, 1885.

Alphabetical List of Sub-Divisions, Giving Page, Number of Plate, Claim and Reference.

	P.	C.	R.		P.	C.	R.
Alarms—Bells.....	762	286	63	Railroad.....	550	252	46
Alarms—Whistles.....	762	287	64	Railroad—Elevated.....	984	309	79
Animal Propelled.....	791	321	66	Rowing.....	597	222	50
Awnings and Umbrellas.....	789	313	66	Saddles.....	440	329	36
Ball Bearings—Axles, Cranks, Forks and Pedals.....	580	290	48	Safeties—Drop Frame.....	87	42	9
Brakes.....	650	196	53	Safeties—Hand Propelled.....	113	54	11
Childrens'.....	497	208	41	Safeties—Tandem.....	102	49	10
Combined Land and Water.....	526	218	44	Safeties—Without Chain, Foot Propelled.....	49	25	5
Compressed Air.....	619	171	51	Safeties—With Chain, Foot Propelled.....	602	314	50
Cotton Picker's.....	792	309	66	Spring Propelled.....	745	263	02
Couplings for Socials.....	779	277	65	Stands.....	619	171	51
Cranks.....	677	224	50	Steam.....	782	278	05
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Designs.....	654	225	53	Supports for Cyclers' Pantaloon.....	744	263	02
Detached Parts—Backbones, Forks, Heads, etc.....	619	171	51	Suspenders.....	1047	303	70
Electrical.....	426	181	35	Theatre Appliances.....	986	331	79
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Four Wheels—Hand Propelled.....	420	188	34	Toy.....	632	176	52
Four Wheels—With Two or More Seats.....	619	171	51	Trancycles.....	793	703	67
Gas.....	713	240	59	Trade Marks.....	214	93	10
Gearing.....	692	265	57	Tricycles—Combined Foot and Hand Power.....	278	100	23
Handles.....	784	320	66	Tricycles—Foot Propelled.....	178	79	10
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Lanterns and Holders.....	766	288	64	Tricycles—Two Wheels Acreast, Swing Seat.....	224	150	20
Locks and Locking Attachments.....	769	310	64	Tricycles—With Two or More Seats.....	632	176	52
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Metal Working—Manufacture of Cycle Parts.....	597	304	48	Uprights—Trailing Wheel.....	110	55	11
Monocycle.....	632	176	52	Uprights—With Pilot Wheel.....	150	75	14
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Black Type in the Index, denotes Cycle Monthly, from 1892. to July 1893.

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403,406 Abbott, Francis M.....	383	150	31	459,850 Arney, Frank J.....	550	207	46
205,330 Ackermann, Henry.....	408	192	33	474,279 Arnold, Clarence R.....	60	34	98
195,553 Adams, Edwin G.....	620	171	51	419,488 Arnold, Daniel J. C., and Post, Charles B.	943	427	77
10,256 (R.) } Adams, Edwin G.....	621	172	51	120,478 Asbill, Lewis M.....	792	309	66
195,553 } Adams, Edwin G.....	621	172	51	408,861 Asbury, John, and Turner, William B.....	478	345	39
477,095 Adams, Frederick G., and Henshaw, Francis T.....	85	48	100	285,946 Asbury, William.....	326	127	28
391,770 Adams, Gideon S.....	524	221	43	566,839 Ascough, William.....	519	220	43
496,388 Adams, James W.....	243	151	115	485,678 Ash, Walter V.....	160	90	107
209,711 Adams, Robert.....	290	405	71	15,214 Ashie, William A.....	987	361	79
357,138 Addicks, William H.....	242	163	21	481,460 Ashley, Frederick.....	126	73	104
475,050 Andrews, William.....	75	41	99	93,159 Aspinwall, John A., and Ferry, Charles M.....	551	252	46
475,744 Agin, George W.....	74	40	99	93,159 } Bartlett, William E.....	551	252	46
456,751 Ahlborn, George.....	1037	388	85	299,317 Aspinwall, John A.....	528	219	44
258,207 Ahlert, Joseph.....	638	178	52	417,401 Astor, John J., Jr.....	652	197	53
287,980 Ahlert, William F., Joseph P., and John G.....	638	178	52	92,689 Atherton, Daniel W.....	225	156	20
433,508 Akers, William P.....	648	217	53	295,894 Atherton, Fisher C.....	332	129	28
229,055 Albrecht, Wilhelm.....	510	213	42	289,746 Auld, Joseph.....	328	127	28
28,231 Alden, Henry A.....	810	436	87	91,734 Austin, Jonathan, and Fraser, J.....	634	176	52
28,432 Alden, Henry A.....	811	436	87	146,150 Avery, George.....	431	183	35
97,853 Alden, Henry A.....	820	439	88	70,681 Ayer, Charles C.....	858	394	68
100,096 Alden, Henry A.....	821	439	88	91,018 Babbitt, B. T., and Holske, William F.....	619	171	51
227,685 Alexander, George B., and Gill, Joshua S., Jr.....	302	118	26	352,508 Babbitt, Seth William.....	744	263	62
92,243 Alexander, H.....	515	207	42	435,385 Babbitt, Seth W.....	487	350	40
98,007 Alexander, H. C.....	515	207	42	322,406 Balcock, D. Marshall.....	199	104	18
216,639 Allaire, Charles B.....	607	359	92	401,105 Bahe, Desiré A.....	88	43	9
336,372 Allridge, Arthur H.....	624	173	51	436,453 Backus, Edward.....	771	310	64
100,244 Allen, Albert F.....	821	439	88	249,447 Bacon, Fred W.....	120	56	11
91,061 Allen, Arthur M.....	56	28	6	476,118 Bailey, Fortune L.....	77	41	99
91,896 Allen, Arthur M.....	57	28	6	369,494 Bailey, Gilbert L.....	746	264	62
94,055 Allen, Arthur M.....	59	29	6	362,506 Bailey, Howard S., and Hall, Albert, C.....	418	416	74
94,056 Allen, Arthur M.....	59	29	6	380,012 Bailey, Howard S.....	925	418	75
94,057 Allen, Arthur M.....	59	29	6	285,205 Bailey, James G.....	325	126	28
103,957 Allen, Arthur M.....	61	29	6	161,924 Bailey, John J.....	506	211	41
223,691 Allen, Arthur M.....	300	117	26	97,340 Bailey, Sylvester M.....	533	200	44
278,071 Allen, Arthur M.....	883	402	70	179,253 Bailey, William H.....	994	363	80
294,178 Allen, Arthur M.....	330	128	28	270,896 Baillie-Hamilton, Charles R.....	450	330	36
444,642 Allen, Thomas G., Jr., Sachtleben, William L., and Walters, John F.....	778	302	65	288,154 Bain, William B.....	1049	310	64
458,992 Allen, William H.....	962	435	79	334,839 Baines, Hugh.....	238	161	21
115,674 Allen, William, and Bond, John W.....	293	114	25	351,150 Baines, Hugh.....	357	139	30
80,964 Allgaier, John.....	399	163	33	351,243 Baines, Hugh.....	357	139	30
100,097 Allgaier, John.....	383	98	10	390,641 Baines, Hugh.....	377	147	31
424,044 Almond, Thomas R.....	853	454	91	375,914 Baird, William J.....	545	204	45
434,748 Almond, Thomas R.....	853	454	91	200,016 Baker, Elbridge.....	431	183	35
91,062 Ambler, George B.....	446	329	36	432,591 Baker, Henry H., Jr.....	788	312	66
21,828 Ames & Frost Co.....	145	145	107	439,372 Baker, Henry H., Jr.....	788	312	66
372,736 Ames, Emerson.....	370	143	31	456,779 Baker, Howard F., Lukin, George B., and Sheldon, John.....	1037	388	85
251,398 Ames, James.....	121	57	11	273,007 Baker, James.....	435	184	35
447,125 Anck, John M.....	742	262	62	462,191 Baker, James H.....	736	251	61
359,000 Anderson, Charles C.....	365	142	30	166,580 Baker, Seth W.....	833	444	89
98,657 Anderson, D. M.....	533	200	44	169,760 Baker, Seth W.....	833	444	89
461,866 Anderson, John E.....	744	263	62	170,803 Baker, Seth W.....	833	444	89
91,589 Anderson, Samuel.....	288	112	24	60,220 Baldwin, Orville O., and Miller, Chas. H.....	55	28	6
310,868 Andrews, Reuben H.....	340	131	29	451,013 Ball, John H.....	1033	385	85
92,928 Andrews, Solomon.....	288	113	24	212,884 Baltz, Sr., Henry W.....	189	100	17
95,629 Andrews, Solomon.....	60	29	6	261,290 Bancroft, James, and Wyke, Thomas H.....	516	207	42
384,600 Andrews, William.....	473	340	39	40,547 Bander, Charles I.....	178	97	16
371,011 Andrews, William T.....	662	230	54	18,348 Banker & Campbell Co.....	797	797	67
474,051 Angois, Paul, and Woodhead, Richard M.....	58	34	98	18,349 Banker & Campbell Co.....	798	798	67
382,311 Annin, Bryant W.....	615	318	51	363,354 Bannhir, Caesar R.....	690	269	58
461,600 Anthony, Jesse, and Everitt, Arthur.....	45	23	5	363,355 Bannhir, Caesar R.....	776	301	65
274,762 Anthony, Wendell P., and Handy, Chas. F.....	320	125	27	65,633 Bannhir, John.....	530	199	44
277,974 Anthony, Wendell P.....	714	240	59	449,460 Bannister, Loring H.....	788	313	66
490,229 Apple, Benjamin J., and Hohenstein, Henry.....	190	117	110	457,234 Barbours, Fred E.....	67	37	99
362,142 Appleby, John F.....	918	416	74	434,234 Barker, Arthur D.....	24	12	3
447,090 Archer, Frank, and Bowley, Arthur S.....	83	40	8	442,938 Barkman, Albert B.....	177	301	65
235,399 Arkins, Joseph.....	306	119	26	468,757 Barkman, Albert B.....	20	11	95
94,990 Armando, A.....	259	90	22	459,130 Barlow, Wilson H.....	662	435	79
308,729 Arms, George.....	843	448	90	474,897 Barnes, Charles O., and Lucien, Sr.....	66	37	98
308,730 Arms, George.....	844	448	90	250,483 Barnes, Raymond F., and Hansmann, Max.....	749	322	62
416,541 Armstrong, Frank.....	783	279	66	433,760 Barr, Henry G.....	668	234	55
422,689 Armstrong, Frank.....	579	308	48	457,242 Barr, Henry G., and Peck, Frank E.....	112	533	10
182,095 Arnao, Juan, and Juan, Jr.....	201	45	45	94,992 Barr, Robert J., and Peck, Frank E.....	92	112	33
289,381 Arnett, John, and Bodifield, Charles T.....	840	447	90	39,192 Barr, Samuel W.....	278	100	23
				292,617 Barr, William C.....	888	404	71
				493,675 Barrett, Edward.....	219	136	113
				324,072 Barrett, Henry J.....	903	410	72

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71,337 Barron, John.....	988	301	79	414,369 Bettendorf, William P.....	941	426	77
425,017 Barrow, Louis, and Guest, Charles H.....	17	9	2	467,352 Betts, Arlington U., and Deardorff, Theodore H.....	8	5	93
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448,793 Bartlett, William E.....	1031	383	85	151,954 Bezen, Thomas.....	405	191	33
11,210 (R.) } Bartlett William E.....	1031	383	85	187,247 Bickford, Ezekiel C.....	787	312	66
148,793 } Bartlett William E.....	1031	383	85	19,886 Bidwell, George R., Cycle Company.....	803	803	67
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360,579 Barton, George A.....	921	417	74	358,590 Bierau, Theodor.....	698	268	58
498,224 Baskerville, Herbert E.....	261	106	117	91,204 Bierbach, Charles W.....	990	362	80
487,596 Bassett, Edwin F.....	174	106	109	453,540 Bigelow, Frank R.....	735	251	61
369,224 Batchelder, George R.....	345	204	45	343,753 Biggs, David G.....	353	136	29
304,466 Bate, James.....	513	21	12	351,873 Biggs, John, and Linley, Charles M.....	358	139	30
499,993 Bates, Sadie M.....	279	169	119	354,642 Biggs, John, and Linley, Charles M.....	360	140	30
480,166 Battersby, Arthur J.....	117	67	103	476,031 Bigelow, Frank R.....	76	41	99
400,727 Baudreau, Leon.....	666	232	55	494,752 Bilz, John A.....	226	142	114
372,106 Bayer, Frank J.....	206	105	18	466,112 Bingham, John H.....	1046	393	86
317,437 Beach, David H.....	561	257	47	483,131 Bingham, John H.....	138	81	105
360,209 Beach, Oliver B.....	756	325	63	473,816 Binns, William H.....	52	30	97
366,447 Beach, Oliver B.....	759	327	63	473,817 Binns, William H.....	53	30	97
280,558 Beale, John.....	123	58	11	473,818 Binns, William H.....	53	30	97
237,235 Bean, John and Roscoe.....	873	308	69	480,661 Birchard, Francis H.....	116	66	103
245,434 Bean, John and Roscoe.....	309	120	26	100,448 Bird, James R., and Rider, John P.....	822	439	88
262,171 Bean, John.....	879	400	70	114,394 Bird, James R.....	822	440	88
265,480 Bean, John and Roscoe.....	880	401	70	207,249 Bitter, George W.....	508	212	42
268,768 Bean, John and Roscoe.....	880	401	70	60,806 Bitter, Harry.....	964	357	91
315,995 Bean, Roscoe.....	902	460	81	359,719 Black, David.....	157	198	30
317,777 Bean, Roscoe, and Grant, Arthur W.....	1001	367	72	432,814 Black, David.....	157	198	30
341,547 Bean, Roscoe.....	165	337	58	311,803 Blackman, George E.....	898	408	53
407,769 Bean, Roscoe.....	939	425	76	435,477 Blackledge, Rollin H.....	94	45	9
209,953 Beatty, Robert P., and Haulenbeck, John H.....	837	445	89	88,120 Blair, John B.....	53	27	6
91,702 Beaumont, John C.....	215	93	19	84,163 Blake, E. K. W.....	180	97	16
295,333 Beaupain, Louis.....	219	95	19	138,845 Blake, Lyman R.....	826	441	88
318,532 Beavis, Arthur J., and Frank S.....	131	61	12	143,661 Blake, Lyman R.....	827	441	88
19,296 Becannon & Keefe.....	800	800	67	446,280 Blakely, William.....	681	225	56
86,495 Beck, Joseph.....	266	84	23	450,906 Blakely, William.....	712	277	59
100,356 Beck, Joseph.....	527	218	44	450,907 Blakely, William.....	674	238	55
464,448 Beck, Samuel H.....	397	156	32	462,295 Blaser, Gustav.....	517	208	43
439,095 Becker, Hugo A.....	96	47	9	347,040 Blechschmidt, Gustave, and Hoefer, Herman.....	911	413	73
45,218 Beckers, Alexander.....	812	436	87	211,959 Blood, Edwin J.....	299	117	26
256,870 Beckwith, Walter C.....	124	123	27	211,960 Blood, Edwin J.....	64	30	7
66,111 Bedford, Wm. G., and White, Thomas R.....	815	438	87	446,748 Blood, Maurice E.....	778	302	65
485,572 Beebe, Charles F.....	159	95	107	11,301 (R.) } Blood, Maurice E.....	191	118	111
242,252 Beegeer, Carl.....	192	101	17	446,748 Blood, Maurice E.....	779	302	65
233,396 Beegeer, Carl.....	261	99	22	453,341 Blood, Maurice E.....	779	302	65
429,715 Beer, Carl, and Bond, Richard.....	389	152	32	480,760 Blood, Maurice E.....	121	69	104
379,849 Behr, Hermann.....	641	190	52	481,800 Blood, Maurice E.....	130	75	105
396,349 Behr, Hermann.....	642	180	52	482,938 Blood, Maurice E.....	136	80	105
358,531 Behringer, Charles (See Errata).....	915	415	74	363,300 Blossfeld, Emil.....	276	88	23
424,452 Beiersmith, Peter J.....	1023	378	83	323,289 Blount, John G.....	164	77	15
467,245 Belden, Frank E.....	7	4	93	275,979 Blume, Herman.....	410	193	34
443,266 Bell, Horace.....	669	235	55	458,142 Blundstone, Benjamin.....	1040	389	86
296,307 Bell, John E.....	889	404	71	462,013 Blundstone, Benj., and Moseley, Joseph.....	1042	391	86
141,536 Bellemere, John F., and Fleer, Francis R.....	965	358	91	475,732 Blundstone Benjamin, and Moseley, Joseph.....	73	40	99
443,890 Belyea, James C.....	445	187	36	331,113 Bock, Anton H.....	273	87	23
490,240 Bendure, Wm. H., and Tilbery, Scott.....	191	117	110	333,592 Bock, Anton H.....	658	228	54
374,287 Benfield, Thomas.....	782	278	66	169,774 Bodel, Louis G., Masse, Jacques, and.....	215	93	19
379,557 Benfield, Thomas.....	782	278	66	289,381 Bodfield, Charles T., and Arnett, John.....	840	447	90
277,870 Benham, William P.....	693	265	57	35,583 Bögel, Henry.....	705	287	64
310,776 Benham, William P.....	695	266	57	306,262 Boland, Hamilton.....	954	433	76
376,401 Benjamin, George H., and Wilder, Francis M.....	849	452	91	47,977 Bolick, Jerome.....	942	427	77
478,838 Bennage, William D.....	105	60	102	443,815 Bolte, Frank H.....	670	335	55
373,995 Bennett, Noble E.....	58	33	98	447,933 Bolte, Frank H.....	672	337	55
399,475 Benster, Emory M.....	936	248	61	447,934 Bolte, Frank H.....	494	335	40
399,003 Bentley, Charles E.....	730	248	61	457,835 Bolte, Frank H.....	494	335	40
385,087 Benz, Carl.....	626	173	51	457,836 Bolte, Frank H.....	494	335	40
386,798 Benz, Carl.....	627	173	51	457,964 Bolte, Frank H.....	494	335	40
159,564 Bergeron, Michel, and Crother, Edwin.....	260	90	22	476,974 Bolte, Frank H.....	83	46	100
473,493 Bergels, Henry.....	50	28	97	478,391 Bolte, Frank H.....	100	56	101
480,838 Bergels, Henry.....	121	69	104	479,201 Bolte, Frank H.....	107	61	102
490,097 Bergels, Henry.....	190	117	110	479,202 Bolte, Frank H.....	108	61	102
91,510 Bergner, Georg.....	633	176	52	479,203 Bolte, Frank H.....	109	62	102
496,971 Berlo, Peter, and Fairbanks, Albert C.....	252	155	116	499,707 Bolte, Frank H.....	277	167	118
243,195 Bernhard, Charles.....	538	202	45	500,368 Bolte, Frank H.....	282	172	119
295,719 Bernhard, Charles.....	540	202	45	107,774 Bolton, John, Jr.....	420	188	34
302,090 Bernhard, Charles.....	197	103	17	115,674 Bond, John W., and Allen, William.....	293	114	25
329,003 Berrell, George B.....	612	317	51	429,715 Bond, Richard, and Beer, Carl.....	389	152	32
499,956 Berry, David R.....	279	169	119	186,136 Bonifis, Paul, and Katon, Walter.....	297	116	25
484,839 Berry, Leander.....	227	142	114	68,344 Bonaffon, Glaucus H.....	816	438	87
479,969 Berry, Wm. R., and Wright, David D.....	116	66	103	379,812 Brothroyd, Isaac W., and Renouf, Philipp L. C. F.....	663	231	54
495,293 Bertoux, Jean.....	321	144	114	90,489 Doris, P. J.....	55	28	6
433,193 Best, Daniel.....	951	430	78				
325,585 Bettendorf, William P.....	905	411	73				

	P.	C.	R.		P.	C.	R.
21,967 Boston Woven Hose and Rubber				497,116 Brown, William G.....	253	155	116
Company.....	163	164	168	94,068 Browne, A. W.....	604	314	50
478,735 Boswell, George G. F.....	103	58	102	215,876 Browne, James E.....	216	94	19
438,836 Botsford, Frederick G.....	854	454	91	240,300 Browne, James E.....	65	30	7
450,926 Bottorff, Andrew J.....	985	309	79	463,093 Brower, Edwin, and Stillman, Augustus M.....	780	314	66
356,095 Bouck, Charles A.....	140	66	13	309,193 Bruce, William J.....	897	408	72
385,403 Boudreau, Leon.....	473	343	39	331,374 Bruegger, Abraham, Jr.....	846	450	90
463,825 Boudreau, Leon.....	679	239	56	334,510 Bruegger, Abraham, Jr.....	847	450	90
495,777 Bouery, Pierre.....	236	146	115	359,126 Brusie, James.....	140	66	13
209,227 Bourguignon, Wendell.....	836	445	89	359,127 Brusie, James.....	140	66	13
80,991 Burn, Augustus O.....	817	438	87	249,166 Bryant, Henry E., and Fielding, Geo. W.....	877	400	70
469,227 Bouse, William G.....	24	13	95	439,382 Bryden, William L.....	212	108	19
328,280 Bowen, Ephraim N.....	905	411	73	199,409 Buchanan, Alonzo M.....	431	183	35
445,710 Bowen, Ephraim N.....	747	265	62	444,086 Buckton Albert R.....	955	432	78
390,854 Bowen, Richard E.....	277	89	23	265,751 Buddenberg, Henry C.....	194	102	17
384,120 Bowers, Walter T.....	769	290	64	331,276 Buell, Charles E.....	623	173	51
442,948 Bowley, Arthur S.....	1029	352	84	90,723 Buell, George C.....	56	28	6
447,099 Bowley, Arthur S., and Archer, Frank.....	83	40	8	21,538 Buffalo Wheel Company.....	109	109	103
294,753 Bowa, Albert.....	219	95	19	1,598 Bulkeley, Ralph.....	993	357	91
495,604 Bow, William, and Hughes, Joseph H.....	234	145	114	495,014 Bull, Willie S.....	229	143	114
502,468 Boyd, Horace B.....	283	172	119	495,015 Bull, Willie S.....	229	143	114
452,503 Boyd, James McD.....	653	199	53	478,564 Bullard, Frederick H., and Harrington, Frank.....	101	57	102
25,239 Boyd, John C.....	809	435	87	443,818 Bullard, James H.....	28	14	3
5,731 (R.) } Boyd, John C.....	810	436	87	483,344 Bullard, James H.....	140	82	105
25,239 } Boyd, John C.....				466,598 Bunker, William I.....	3	2	93
53,214 Bradford, Charles K.....	602	314	50	469,248 Bunker, William I.....	25	14	95
83,935 Bradford, Charles K.....	278	109	23	471,417 Bunker, William I.....	36	20	96
477,292 Bradley, James.....	88	49	100	477,502 Bunker, William I.....	89	50	101
21,068 Bradshaw Manufacturing Company.....	62	62	100	477,503 Bunker, William I.....	89	50	101
427,663 Brady, Frank.....	564	257	47	477,504 Bunker, William I.....	90	50	101
427,935 Brady, Frank.....	565	258	47	477,505 Bunker, William I.....	90	50	101
462,908 Brady, Frank.....	565	258	47	477,506 Bunker, William I.....	90	50	101
473,609 Brampton, Walter.....	51	29	97	477,507 Bunker, William I.....	176	107	109
283,697 Branhams, Alvin J.....	540	202	45	488,061 Bunker, William I.....	270	104	118
112,116 Branning, David L.....	748	321	62	499,009 Bunker, William I.....	518	220	43
222,861 Brash, Carl.....	509	213	42	94,559 Bunn, Lewis D.....	645	216	53
428,881 Braunfeld, Henry E.....	733	250	61	352,989 Burbank, Edward S.....	362	141	30
256,634 Bray, James B.....	539	202	45	355,453 Burgess, Adam.....	660	229	54
Breed, Samuel D.....	907	435	86	364,335 Burgess, Adam.....			
452,336 Breitenmoser, Joseph.....	640	218	53	420,927 Burgess, William D., and Munz, Theodore C.....	944	427	77
21,101 Bretz & Curtis Manufacturing Co.....	65	65	100	234,954 Burin, Henri B.....	527	218	44
457,861 Bretz, Jacob S.....	960	344	79	253,504 Burley, Franklin G.....	449	330	36
478,394 Bretz, Jacob S.....	100	56	101	264,855 Burley, Franklin G.....	228	157	20
404,771 Breux, Joseph F.....	73	34	107	326,946 Burley, Franklin G.....	461	335	37
485,369 Breyer, Johannes F.....	157	94	17	299,617 Burlinghausen, Bernerd G.....	639	179	52
247,156 Bridgman, Henry C.....	193	101	51	439,922 Burnap, Chas. E., and Wood, Ellery W.....	96	47	9
452,562 Briggs, Frank.....	618	320	51	133,560 Burnham, George L.....	825	441	88
444,519 Briggs, Franz S.....	956	432	78	87,630 Burns, Jabez.....	280	110	23
317,494 Briggs, George S.....	900	409	72	299,733 Burns, Robert.....	752	323	63
448,204 Briggs, Henry.....	149	70	14	324,749 Burroughs, John W.....	612	317	50
233,723 Britton, Henry W.....	118	56	11	248,998 Burstow, Edward.....	433	183	35
353,917 Britton, Rodney G.....	359	140	30	338,657 Burton, George D.....	590	295	49
430,107 Brock, William E.....	389	152	32	470,317 Burton, Thomas.....	32	18	96
441,820 Bromley, Joseph E., and Straus, Alex.....	1027	381	84	467,914 Burwell, George A.....	15	9	94
456,702 Brooks, Frederick.....	493	354	40	483,990 Burwell, George A.....	146	86	106
320,396 Brooks, Henry O.....	754	323	63	480,556 Burwell, George A.....	168	101	108
365,043 Brooks, Henry O.....	758	327	39	496,664 Burwell, Geo. A., and Moore, Chas. J.....	246	153	116
401,123 Brooks, John B.....	475	343	39	496,665 Burwell, Geo. A., and Moore, Chas. J.....	246	153	116
421,233 Brooks, John B.....	483	347	39	95,648 Buschman, Victor H.....	215	93	19
484,289 Brooks, John B.....	147	87	106	155,569 Bush, William.....	187	99	16
484,290 Brooks, John B.....	147	87	106	164,902 Bush, William.....	295	115	25
435,730 Brooks, John D.....	212	108	19	270,377 Butcher, Joseph.....	751	322	62
326,012 Brooks, Samuel T.....	969	359	92	300,568 Butcher, Joseph.....	762	286	63
474,247 Brooks, William S.....	44	25	97	353,479 Butcher, Joseph.....	755	324	63
473,867 Brosnan, Cornelius J.....	55	31	98	356,822 Butcher, Joseph.....	756	324	63
116,409 Brown, Adna.....	184	99	16	357,758 Butcher, Joseph.....	756	324	63
474,589 Brown, Alexander T.....	63	36	2	478,086 Butcher, Joseph.....	97	55	101
488,494 Brown, Alexander T., and Stillman, George F.....	180	111	110	308,747 Butler, Alonzo E.....	897	407	72
302,979 Brown, Charles M.....	694	266	57	28,647 Butler, John.....	811	436	87
281,580 Brown, Fernando, and Talbot, Frank H.....	766	288	64	438,526 Butler, Maguler.....	772	311	64
355,575 Brown, Frederic W.....	725	245	60	486,146 Buttle, William H., and Westwood, Frederick.....	164	99	107
429,446 Brown, Harry H.....	720	245	59	91,602 Butterfield, Abner L.....	182	98	16
393,447 Brown, Harvey.....	70	33	7	491,335 Buysse, Edward.....	202	127	112
468,721 Brown, Harvey.....	20	11	95	69,493 Buzzell, John G.....	858	394	68
499,627 Brown, James A.....	275	166	118	82,690 Buzzell, John G.....	860	394	68
256,118 Brown, James O.....	313	122	27	98,920 Buzzell, John G.....	862	395	68
103,307 (R.) } Brown, James O.....	314	122	27	478,724 Cable, Frank D., and Tuttle, John H.....	103	58	102
256,118 } Brown, James O.....				485,583 Cable, Frank D., and Kenney, Owen E.....	159	95	107
264,133 Brown, James O.....	997	365	80	494,408 Cable, Frank D.....	222	139	114
60,335 Brown, John H.....	501	210	41	494,803 Cable, Frank D.....	226	142	114
465,605 Brown, Kirk.....	159	95	107	494,804 Cable, Frank D.....	227	142	114
356,028 Brown, Nathaniel.....	276	88	23	495,391 Cable, Frank D.....	231	144	114
446,181 Brown, Seth A.....	671	236	55				
209,856 Brown, Thomas.....	871	398	69				

	P.	C.	R.		P.	C.	R.
496,681 Cable, Frank D.....	247	154	116	106,780 Clime, John C.....	429	182	35
465,159 Cain, Harry A.....	790	288	66	125,273 Clime, John C.....	430	182	35
85,640 Callaghan, Cornelius.....	214	93	19	315,003 Clime, John C.....	261	90	22
496,336 Callaghan, William S.....	242	149	115	426,524 Clough, John, and Carter, George.....	733	250	61
197,245 Callahan, Cornelius.....	835	445	89	366,620 Clouse, Joseph N.....	920	417	74
209,859 Callahan, Cornelius.....	836	445	89	433,889 Clouse, Joseph N.....	390	153	32
218,661 Callahan, Cornelius.....	837	445	89	449,205 Clouse, Joseph N.....	957	433	78
222,770 Callahan, Cornelius.....	838	446	89	460,332 Coates, Robert.....	743	262	62
278,312 Callahan, Cornelius.....	840	447	89	475,384 Cockburn, John.....	69	38	99
477,042 Calver, Washington I.....	84	47	100	123,809 Coe, Lawrence W.....	619	171	51
18,348 Campbell & Banker Co.....	797	797	67	495,218 Coe, William J.....	230	144	114
18,349 Campbell & Banker Co.....	798	798	67	497,068 Coffin, George H.....	252	155	116
249,365 Campbell, Omer F., and Prindle, Frank L.....	554	254	40	319,130 Coffin, John E., and Rudling, William A.....	131	61	12
260,840 Candler, Claude H., and Whitehead, James.....	218	95	19	107,226 Coffin, Mark.....	64	30	6
363,587 Canfield, Charles G.....	919	410	74	90,128 Cohu, Henry S.....	632	176	52
478,013 Cannon, Clinton D.....	106	60	102	95,325 Coleman, William H.....	60	29	6
302,098 Cardona, Joseph.....	231	158	20	83,132 Coles, George, Jacques, James A., and Fan- shaw, John A.....	817	438	87
364,089 Carmont, William H.....	1012	372	82	370,450 Collicutt, George M.....	1	1	1
76,499 Carney, Andrew.....	817	438	87	402,143 Colling, Charles J.....	707	274	59
430,641 Carpenter, Arsene.....	952	431	78	474,215 Collins, Charles M.....	60	34	98
254,004 Carpenter, James.....	877	400	70	230,176 Collins, Henry C., Collins, Daniel H., and Tuttle, John W. T.....	303	118	26
482,271 Carr, Chas. A., and Openshaw, Geo.....	133	77	105	64,285 Collins, Patrick H.....	964	357	91
273,815 Carr, Jerome S.....	643	215	53	259,099 Collins, Paul E.....	316	123	27
300,046 Carr, Robert S.....	891	405	71	376,073 Collier, Charles L.....	563	257	47
319,452 Carr, Robert S.....	901	409	72	481,762 Colman, Frank B., and Ives, John F.....	129	75	104
175,995 Carstens, Heinrich, W. F.....	620	171	51	378,496 Colney, Joseph F.....	739	260	61
398,228 Carstensen, Lars F.....	729	247	61	233,919 Coloney, Myron.....	520	220	43
422,723 Carstensen, Lars F.....	955	298	49	407,083 Colthar, William U.....	6	4	93
354,535 Carter, Anson A.....	170	81	15	93,667 Combs, A.....	504	210	41
422,524 Carter, George, and Clough, John.....	733	250	61	491,016 Comstock, Harry.....	198	124	111
388,949 Carter, Hector M.....	689	283	57	388,763 Conger, Milton M.....	642	180	52
450,901 Carter, James.....	265	93	22	191,278 Conklin, John E.....	515	207	42
38,366 Case, J. M.....	258	90	22	10,213 (R.) Conkling, John E.....	515	207	42
23,162 Central Cycle Manufacturing Com- pany.....	263	265	117	101,278 Connor, Thomas K. and Thomas D.....	257	171	22
433,720 Chace, Albert F.....	211	108	18	452,541 Conover, Jacob A., and Crandall, Benja- min P.....	498	208	41
78,260 Chaffee, Edwin M.....	817	438	87	31,872 Cook, John H.....	560	256	47
150,481 Chaffee, Edwin M.....	829	442	88	364,903 Cook, William.....	469	339	38
449,281 Challiner, Charles.....	1031	383	85	152,214 Cooke, Augustus.....	294	114	25
467,769 Challiner, Charles.....	13	8	94	153,423 Cooke, Augustus.....	294	115	25
468,611 Chamberlain, Edgar.....	17	10	94	479,056 Cooke, Howard E.....	106	60	102
490,425 Chamberlain, George D.....	193	119	111	261,136 Cooley, B. Frank.....	655	226	53
490,044 Chamberlain, George D., and Selden Edward G.....	270	164	118	271,799 Coomans, Felix A.....	527	219	44
402,304 Chapin, Horatio P.....	783	279	66	491,429 Cooper, Frederick, Keen, John, and Mar- riott, Thomas R.....	203	128	112
323,635 Chapin, William H.....	1003	368	81	12,406 Cooper, George B., Herbert, William H., and Hillman, William.....	794	794	67
391,882 Chapman, George J.....	5	3	1	19,858 Cooper, George B., Herbert, William H., and Hillman, William.....	802	802	67
329,362 Chapman, Herman L.....	220	96	19	498,047 Cooper, John W.....	326	127	28
441,627 Chappell, George H.....	176	84	16	286,180 Cooper, Montraville.....	359	127	28
284,612 Charsley, Robert H.....	322	126	28	358,960 Copeland, James S.....	659	229	54
53,572 Chase, William K.....	398	189	33	364,632 Copeland, James S.....	660	229	54
86,863 Cheever, Henry D.....	852	453	91	367,368 Copeland, James S.....	700	270	58
86,304 Cheever, John H.....	989	362	79	371,432 Copeland, James S.....	701	271	58
53,161 Cheney, Merick L., and McAuley, Thomas A.....	814	437	87	385,847 Copeland, James S.....	375	146	31
382,351 Cherry, Matthew A.....	249	166	21	391,947 Copeland, James S.....	250	168	22
465,092 Children, Edwin.....	963	435	79	412,322 Copeland, James S.....	651	197	53
81,603 Christian, Andrew.....	502	210	41	469,626 Copeland, James S.....	26	15	95
87,245 Christian, Andrew, and Reinhart, John.....	427	182	35	484,492 Copeland, James S.....	149	88	106
108,967 Christian, Andrew.....	403	191	33	491,937 Copeland, James S.....	207	129	112
263,857 Church, James.....	434	183	35	492,470 Copeland, James S.....	212	132	112
248,709 Churchill, Lucius R.....	120	56	11	360,760 Copeland, Lucius D.....	624	173	51
328,761 Cilley, John H.....	237	160	21	312,332 Copp, Charles H.....	561	257	47
358,730 Cilley, John H.....	243	164	21	327,770 Copper, Luther S.....	462	335	37
338,484 Clair, Joshua R.....	908	412	73	350,868 Copper, Luther S.....	466	338	38
420,036 Clark, Alexander H.....	75	35	8	351,251 Copper, Luther S.....	466	338	38
486,432 Clark, Alexander H.....	165	100	108	448,774 Copper, Luther S.....	490	352	40
46,295 Clark, Anthony.....	813	436	87	20,678 Cops, Charles.....	983	983	93
192,055 Clark, George P.....	995	364	80	343,499 Coran, Stephen, and Kuolt, Joseph.....	540	200	46
128,211 Clark, Jerome.....	864	395	68	455,864 Cornelius, Wilbur F.....	491	352	40
269,919 Clark, Joseph.....	881	401	75	150,281 Cornwall, George.....	992	363	80
94,565 Clark, William B.....	268	85	23	167,102 Cornwall, George.....	995	364	80
334,164 Clarke, Charles M.....	403	336	38	180,847 Cornwall, George.....	994	363	80
483,422 Class, Philip.....	140	82	105	481,435 Corser, Harvington, and Stone, Thomas H.....	126	72	104
488,539 Claus, Hubert.....	181	111	110	463,329 Cottle, Luther M.....	675	230	50
433,852 Claussen, Alexander E.....	223	97	18	345,414 Coudyser, Adolph.....	516	208	42
431,223 Claypool, Albert.....	1024	379	84	325,501 Coultas, Joseph A.....	846	449	90
380,200 Clegg, Wesley.....	5	3	1	450,190 Courtney, Charles E.....	599	223	50
427,048 Clegg, Wesley.....	21	10	2	459,682 Cowan, Thomas, and Evans, Walter A.....	395	155	32
468,643 Clement, Felix.....	18	10	94				
304,504 Clemson, William.....	127	60	12				
316,009 Clemson, William.....	130	61	12				
324,536 Clemson, William.....	685	281	56				
86,906 Clime, John C.....	427	182	35				
86,396 Clime, John C.....	290	113	24				

	P.	C.	R.		P.	C.	R.
344,250 Cowen, Robert.....	847	457	90	109,408 Dancy, John C., Stuart, Reuben, and Han-			
495,454 Cowen, Robert, and Cummings,				chett, Daniel.....	429	182	35
Henry H.....	232	145	114	449,944 Dandenbaker, Howe E.....	26	13	3
497,034 Cowen, Robert.....	256	157	116	485,839 Darling, Robert F.....	160	90	107
89,293 Cowles, Edwin, and Metten, George R.....	55	27	6	98,474 Darozit, Levi.....	533	200	44
271,800 Cox, John J.....	218	95	19	471,959 Dart, Isaac.....	42	23	96
279,541 Cox, Lorenzo D.....	195	102	17	429,145 Davenport, Charles R.....	14	8	2
406,989 Cox, Marion W.....	6	4	93	215,334 Davenport, Nelson.....	553	253	46
377,801 Crampton, James.....	849	452	91	295,304 Davidson, George L. O.....	230	158	20
31,872 Crandall, Benjamin P., and Conover, Ja-				486,542 Davies, Preston.....	107	101	108
cob A.....	498	208	41	488,670 Davies, Preston.....	182	112	110
79,553 Crandall, Benjamin P.....	398	189	33	276,786 Davies, Thomas A.....	320	125	27
3,207 (R.) } Crandall, Benjamin P.....	399	189	33	296,936 Davies, Thomas A.....	196	103	17
79,553 } Crandall, Benjamin P.....	399	189	33	296,937 Davies, Thomas A.....	196	103	17
9,096 (R.) } Crandall, Benjamin P.....	399	190	33	93,067 Davis, D. P.....	861	395	68
79,553 } Crandall, Benjamin P.....	401	190	33	419,751 Davis, George H.....	11	6	2
92,473 Crandall, Jesse A.....	408	208	41	379,373 Davis, Henry A.....	143	67	43
31,302 Crandall, Jesse A.....	402	190	33	86,652 Davis, James.....	819	438	87
99,166 Crandall, Jesse A.....	406	192	33	499,876 Davis, Isaac.....	279	109	119
160,575 Crandall, Jesse A.....	406	192	33	224,153 Davis, Percy L.....	116	55	11
118,695 Crandall, Jesse A.....	185	99	16	148,422 Davis, Robert W. and Daniel.....	865	390	68
199,118 Crandall, Jesse A.....	597	211	42	151,360 Davis, Robert W.....	866	396	68
436,305 Crandall, Jesse A.....	77	36	8	478,187 Davis, Whitney C.....	99	55	101
350,723 Crandall, William E.....	513	214	42	292,545 Davis, William H.....	683	280	56
258,559 Crane, Moses G.....	66	30	7	381,116 Davis, Willis.....	514	215	42
481,476 Cranmer, William S.....	126	73	104	488,626 Davison, Augustine C.....	182	111	110
499,659 Cranston, James F.....	275	107	118	115,715 Davol, William C., Jr.....	964	358	91
498,172 Craven, Charles M., and Kortright,				165,481 Day, Charles M.....	535	201	45
George W.....	260	160	117	344,442 Day, George H.....	1007	370	81
444,130 Crawford, Harvey F., and Lambert, Rich-				388,480 Day, George H.....	783	279	66
ard C.....	631	175	52	4,150 Day, Horace H. and McMullen, Richard.....	808	435	86
444,131 Crawford, Harvey F., and Lambert, Rich-				7,650 Day, Horace H. and McMullen, Richard.....	808	435	86
ard C.....	631	175	52	284,724 Day, Samuel and Reason.....	885	403	70
421,557 Crawford, Robert S.....	690	284	57	96,208 Dayton, Charles E.....	60	29	6
406,705 Creclius, Louis J.....	939	425	70	467,352 Deardorff, Theodore H., and Betts,			
473,728 Creclius, Louis J.....	52	30	97	Arlington U.....	8	5	93
398,945 Credlebaugh, Henry S.....	776	301	65	381,703 Dearlove, Joseph H. and Thresher, Harry.....	371	145	31
333,448 Crispin, Thomas.....	116	207	42	303,821 De Beaulieu, George.....	127	59	12
194,416 Croft, Matthew E.....	298	116	25	416,095 De Bogory, Progre P.....	942	426	77
224,397 Crook, Charles.....	968	359	92	463,302 Decker, Thomas O.....	47	24	5
486,630 Crook, William H.....	168	102	108	309,933 Deering, James A.....	349	131	29
472,287 Crooker, William W.....	43	25	97	306,813 DeGray, Abram M.....	896	407	72
487,473 Crosby, George S.....	173	105	109	94,294 De LaRue, Jules M.....	518	219	43
170,994 Crosby, Giles H.....	869	397	69	133,211 Delescaillie, Peter.....	185	99	16
500,472 Cross, Edward S.....	283	172	119	208,635 Delkescamp, Adolph.....	880	401	70
75,531 Crossley, William G.....	526	218	44	385,547 Demarest, Francis M.....	705	287	64
159,564 Crother, Edwin, and Bergeron, Michael.....	260	90	22	425,993 De Mars, Magloir.....	947	429	77
316,649 Crowden, Charles T., and Paussey, Her-				427,301 Deming, Charles G.....	948	429	77
bert J.....	102	50	10	222,022 Denham, Perry.....	190	100	17
244,742 Crowell, John S.....	876	399	69	427,057 Dennau, Peter, Sr.....	948	429	77
295,156 Crowley, Daniel.....	230	158	20	450,144 Dennau, Peter, Sr.....	957	433	78
296,680 Crowley, Daniel.....	196	102	17	436,648 Dennett, Daniel.....	487	350	40
323,640 Crowley, Daniel.....	343	133	29	223,118 Dennis, James H.....	537	202	45
367,025 Crowley, Daniel.....	222	96	19	303,490 Deuny, John S.....	413	194	34
76,157 Crull, Solomon F., and Moore, Thos.				86,738 Denovan, William.....	503	210	41
C.....	77	42	99	279,356 Denton, William B.....	321	125	27
472,570 Cubbage, Charles A.....	45	26	97	286,593 Deputy, Jessie J.....	272	86	23
213,109 Culver, Newton H., and Hinckley, Her-				349,145 Deputy, Martin M., and Wm. B.....	203	104	18
mon.....	189	100	17	22,801 Derby Cycle Company.....	232	233	115
305,053 Cumming, John F.....	598	223	50	74,058 Derozier, Louis.....	426	181	35
87,913 Cummings, Charles.....	860	394	68	341,736 De Sabla, Theodore J.....	437	184	36
495,454 Cummings, Henry H., and Cowen,				81,578 De Valin, W. H.....	859	394	68
Robert.....	232	145	114	488,603 Devore, Levi M., and Forry, Chas. E.....	181	111	110
383,214 Cummings, Michael J.....	1015	374	82	314,520 Deweece, James E.....	899	408	72
397,021 Cummins, Patrick H.....	896	407	72	281,468 Dewell, Samuel.....	713	322	62
393,218 Cummins, Patrick H.....	933	422	76	447,540 DeWolfe, Edward R.....	701	328	63
491,040 Cummins, Theodore.....	198	124	111	455,014 DeWolfe, Edward R.....	492	353	40
315,743 Curtin, Seth.....	522	221	43	458,710 DeWolfe, Edward R.....	701	328	63
401,736 Curtin, Seth.....	524	221	43	460,714 DeWolfe, Edward R.....	1042	391	86
255,775 Curtin, Andrew F.....	122	57	11	466,556 DeWolfe, Edward R.....	471	211	93
471,075 Curtis, Albert B., and Perkins, Al-				471,831 DeWolfe, Edward R.....	40	22	96
bert.....	34	19	96	480,400 DeWolfe, Edward R.....	118	67	103
348,891 Curtis, Henry J.....	355	138	30	472,528 DeWitt, William H.....	45	26	97
431,740 Curtis, Henry J.....	785	320	66	478,415 DeWitt, William H.....	100	57	101
476,253 Curtis, Wallace B., and Long, Eugene				485,094 Dey, Harry E., and Griswold, Freder-			
447,145 Cushman, George W.....	691	285	57	ick B.....	152	91	106
478,092 Cushman, Joseph W.....	97	55	101	473,829 Diamond, James.....	53	30	98
499,718 Cutler, Henry.....	277	168	118	319,682 Dickey, Lindsey.....	199	103	18
83,696 Cutter, C. N.....	180	97	16	89,977 Dickinson, Alfred S., and Doty, C. J.....	284	111	24
436,403 Dabbs, William.....	776	301	65	450,997 Dies, Charles A.....	84	40	8
347,160 Daimler, Gottlieb.....	543	204	45	91,829 Dillaha, John G.....	634	177	52
376,638 Daimler, Gottlieb.....	625	173	51	93,686 Dillaha, John G.....	401	190	33
155,183 Dale, John H., and Henderer, Edmond.....	186	99	16	325,823 Dillon, James M.....	345	133	29
488,988 Dalisch, Oscar.....	185	113	110	432,381 Dillon, William H.....	733	250	61
445,118 Dallmer, Albert, and Krieger, Julius.....	712	276	59	143,813 Dimmick, Daniel.....	865	396	68

	I	P.	C.	R.		P.	C.	R.
105,251	Dingee, Montgomery, and Roberts, Samuel D.....	505	210	41	402,313	Duryea, Charles E.....	475	344 39
345,218	Dion, Peter.....	910	412	73	432,124	Duryea, Charles E.....	23	11 3
366,464	Dion, Peter.....	920	417	74	432,125	Duryea, Charles E.....	486	349 39
138,486	Dismer, George.....	405	191	33	432,126	Duryea, Charles E.....	691	285 57
302,612	Dobbins, Edwin A.....	768	280	64	459,699	Duryea, Charles E.....	1041	390 86
148,428	Dodge, George P.....	828	442	88	493,488	Duryea, Charles E.....	217	135 113
148,677	Dodge, Theodore A.....	828	442	88	97,176	Duryea, Wright.....	991	362 80
150,304	Dodge, Theodore A.....	829	442	88	466,064	Dustin, Frank J.....	779	303 65
156,017	Dodge, Theodore A., and Street, Edward A.....	830	443	88	362,883	Dutemple, William R.....	757	325 63
384,134	Donkel, Lloyd H.....	438	185	30	277,246	Dutrow, David E.....	261	90 22
384,135	Donkel, Lloyd H.....	928	420	75	295,861	Dutrow, David E.....	331	129 28
425,934	Donkel, Lloyd H.....	947	429	77	247,809	Dutton, Joseph.....	713	240 59
396,991	Donmoyer, Rudolph W.....	935	423	70	91,535	Dyer, Elisha, and Greene, Allen.....	633	176 52
404,692	Donmoyer, Rudolph W.....	1020	377	83	439,492	Dyre, William E.....	765	288 64
147,234	Donnelly, Samuel A.....	31	16	3	479,792	Eager, William, A. W.....	113	65 103
448,569	Donnelly, Samuel A.....	596	290	50	314,440	Eames, Elisha D.....	844	449 90
297,238	Dopp, Frederick J. W., and Wolff, Geo.....	334	130	28	404,693	Eashope, Alfred.....	9	5 1
468,560	Dorchester, Edward G.....	17	9	94	50,471	Eashope, Alfred.....	92	45 9
472,786	Dorchester, Edward G.....	46	26	97	89,567	Eaton, Elijah.....	514	207 42
477,048	Dorchester, Edward G.....	85	47	100	406,448	Eckenroth, Geo., and Rullmann, John D.....	263	92 22
417,550	Dörning, Emil, and Siegert, Friedrich A.....	739	260	61	413,639	Eddy, John B.....	479	345 39
424,864	Dörning, Emil, and Siegert, Friedrich A.....	740	261	61	449,111	Edelstein, Joseph.....	394	155 32
469,516	Dorr, George W.....	25	14	95	486,191	Edlin, Robert.....	164	99 108
89,977	Doty, C. J., and Dickinson, Alfred S.....	284	111	24	264,674	Edmonds, John A.....	194	102 17
107,345	Douglas, Charles H.....	533	200	44	256,303	Edwards, Elias.....	433	183 35
469,295	Douglas, Frank.....	24	14	95	442,871	Edwards, William J.....	98	48 9
467,342	Douglas, Frank.....	8	4	93	448,739	Edwards, William J.....	490	351 40
467,343	Douglas, Frank.....	8	5	93	466,134	Edwards, William J.....	49	25 3
467,344	Douglas, Frank.....	8	5	93	469,883	Edwards, William J.....	31	18 95
467,344	Douglas, Frank.....	8	5	93	470,185	Edwards, William J.....	31	18 96
469,339	Douglas, Frank.....	24	14	95	475,207	Edwards, William J.....	67	37 99
469,627	Douglas, Frank.....	26	15	95	475,444	Edwards, William J.....	69	38 99
469,628	Douglas, Frank.....	26	15	95	475,445	Edwards, William J.....	69	38 99
469,629	Douglas, Frank.....	26	15	95	491,162	Edwards, William J.....	201	127 111
469,630	Douglas, Frank.....	27	15	95	444,341	Egg, Gustave A.....	735	251 61
472,341	Douglas, Frank.....	43	25	97	444,341	Egg, Gustave A.....	735	251 61
496,048	Douglas, Frank.....	246	153	116	481,390	Egg, Frederick.....	125	72 104
363,218	Downes, Moses H.....	757	320	63	107,888	Egert, John.....	292	114 25
363,735	Downes, Moses H.....	758	326	63	327,666	Ehrlich, Leo.....	134	63 12
363,993	Downes, Moses H.....	758	326	63	462,115	Eisenhart, Jeremiah.....	46	23 5
411,790	Downs, Allison O.....	384	150	32	99,421	Elder, R. G.....	403	190 33
134,654	Downs, William C.....	826	441	88	288,414	Elliott, James B.....	1047	303 79
138,807	Downing, Leverett H.....	826	441	88	288,414	Elliott, James B.....	1047	303 79
158,631	Downing, Leverett H.....	830	443	89	463,891	Elliott, Judson A.....	517	208 43
165,159	Downing, Leverett H.....	832	443	89	288,219	Elliott, Leonard W.....	608	316 50
494,556	Doyle, Thomas W.....	225	141	114	379,270	Elliott, Sterling.....	372	145 31
319,470	Drake, Franklin J.....	461	335	37	428,383	Elliott, Sterling.....	652	198 53
390,952	Drake, Fred M.....	705	272	58	440,701	Elliott, Sterling.....	1027	381 84
490,844	Draper, George O.....	196	123	111	440,702	Elliott, Sterling.....	1027	381 84
402,812	Draper, John.....	210	107	18	442,174	Elliott, Sterling.....	111	53 10
193,365	Drevar, George.....	519	220	43	442,663	Elliott, Sterling.....	444	187 36
397,458	DuBois, Howard M.....	1016	374	83	442,730	Elliott, Sterling, and Richards, Hubert P.....	1028	382 84
397,459	DuBois, Howard M.....	1017	374	83	446,670	Elliott, Sterling.....	392	154 32
411,791	DuBois, Howard M.....	1021	377	83	446,671	Elliott, Sterling.....	392	154 32
412,699	DuBois, Howard M.....	1021	377	83	446,672	Elliott, Sterling.....	31	15 3
419,008	DuBois, Howard M.....	1022	377	83	483,836	Elliott, Sterling.....	145	86 106
424,766	DuBois, Howard M.....	1023	378	83	487,874	Elliott, Sterling.....	175	107 109
431,512	DuBois, Howard M.....	1024	379	84	489,295	Elliott, Sterling.....	185	113 110
499,824	DuBois, Johannes A.....	278	168	110	491,475	Elliott, Sterling.....	204	128 112
488,549	Dugan, James.....	181	111	110	491,938	Elliott, Sterling.....	208	129 112
89,744	Dugas, L. E.....	427	182	35	494,113	Elliott, Sterling.....	221	138 113
435,995	Dunlop, John B.....	1024	379	84	498,709	Elliott, Sterling.....	264	162 117
11,153 (R.)	Dunlop, John B.....	1025	379	84	86,682	Ellis, George and Miller, Charles H.....	51	26 5
435,995	Dunlop, John B.....	1025	379	84	280,299	Ellis, Joseph L.....	218	95 19
441,649	Dunlop, John B.....	27	13	3	305,061	Ellis, Robert F., and Norman, Cornelius A.....	198	103 17
453,550	Dunlop, John B.....	1035	386	85	467,794	Ellis, Seale H.....	13	8 94
455,899	Dunlop, John B.....	1049	387	85	490,620	Ellis, Seale H.....	194	121 111
473,831	Dunlop, John B.....	54	31	98	361,581	Ellis, Silas C.....	366	142 30
479,255	Dunlop, John B.....	100	62	102	299,120	Ellis, Reuben and Staagaard, Hans H.....	891	405 71
478,156	Dunn, Andrew W.....	98	55	101	478,581	Elmore, William A.....	101	57 102
480,441	Dunn, Charles H., and Star, William.....	118	68	103	87,225	Ely, George H., and Topliff, John A.....	52	20 5
477,996	Dunn, Thomas.....	94	53	101	348,851	Emerson, Cyrus I. Jr., and Lakin, James A.....	754	323 83
399,380	Dunn, William H., and Harriette N.....	936	424	76	99,546	Emerson, George D.....	202	114 25
341,462	Dunn, William W.....	910	412	73	386,304	Emerson, James E., and Midgley, Thomas.....	850	452 91
375,026	Dunstedter, Jacob.....	922	417	74	386,306	Emerson, James E., and Midgley, Thomas.....	850	452 91
439,128	Durkee, George B.....	26	13	3	386,307	Emerson, James E., and Midgley, Thomas.....	850	452 91
379,129	Durkee, George B.....	710	275	59	362,500	Emsey, John W.....	468	339 38
293,725	Duryea, Charles E.....	455	332	37	284,621	Engelbach, Augustus L.....	885	403 70
333,936	Duryea, Charles E.....	444	215	53	481,751	Engler, Richard A.....	129	75 104
339,537	Duryea, Charles E.....	238	161	21	311,112	Enos, John A.....	639	179 52
350,583	Duryea, Charles E.....	138	65	13	404,611	Ensign, Frank H.....	938	424 76
357,819	Duryea, Charles E.....	645	216	53	490,277	Ensign, Frank H.....	191	118 111
364,231	Duryea, Charles E.....	143	67	13	114,783	Erd, William.....	534	200 44
387,631	Duryea, Charles E.....	377	147	31	491,012	Ericson, Lewis E.....	198	124 111
					226,504	Esperandieu, Emile F.....	301	118 26

	P.	C.	R.		P.	C.	R.
87,033 Estell, Samuel F.....	52	26	5	270,214 Fosman, Calvin J.....	580	290	48
499,724 Estep, Thomas B.....	277	168	118	101,993 Forsyth, Frederick J.....	605	314	50
361,354 Estlow, Francis R.....	204	105	18	127,755 Forsyth, James B.....	824	440	88
486,452 Euchler, Otto.....	166	100	108	390,661 Forsyth, William S.....	930	421	75
216,482 Euphrat, Frederick.....	787	312	66	451,035 Fortier, Charles L.....	773	311	65
494,581 Evans, John B.....	35	18	4	302,329 Foss, Eli H.....	154	72	14
464,789 Evans, John B.....	86	41	8	458,547 Foster, Benjamin C.....	1040	389	86
464,790 Evans, John B.....	47	24	5	343,898 Foster, Frank F.....	543	203	45
385,258 Evans, James E.....	145	68	14	359,504 Foster, Frank F.....	544	204	45
450,682 Evans, Walter A., and Cowan, Thomas.....	395	155	32	448,952 Foster, Freling C.....	735	251	61
461,669 Everett, Arthur, and Anthony Jesse.....	45	23	5	399,190 Foster, Wm. C., and Merritt, Henry W.....	381	149	31
357,120 Ewing, Alvan B.....	915	415	74	456,028 Foster, William R.....	1036	387	85
425,095 Ewing, Rufus L.....	945	428	77	408,166 Foster, William R.....	15	9	94
320,917 Eyster, William N.....	102	76	15	466,405 Foster, William S.....	243	151	115
496,971 Fairbanks, Albert C., and Belto.....	252	155	116	431,342 Fournier, Philandre.....	389	153	32
238,770 Fairbanks, John A.....	968	359	92	224,165 Fowler, Francis.....	301	117	26
95,785 Fall, George A.....	518	220	43	227,511 Fowler, Francis.....	302	118	26
227,740 Fancher, James A.....	303	118	20	240,990 Fowler, Francis.....	307	120	26
484,786 Fane, Thomas, and Lavender, Chas. F.....	151	90	106	247,754 Fowler, Francis.....	780	277	65
83,132 Fanshaw, John A., Coles, George, and Jacques, James A.....	817	434	87	248,441 Fowler, Francis.....	310	121	26
92,807 Farmer, David J.....	526	218	44	225,585 Fox, Willard H.....	553	253	46
92,808 Farmer, David J.....	527	218	44	467,227 France, Albert L.....	7	4	93
88,286 Farrar, Alonzo.....	281	110	24	480,661 France, Albert L.....	120	69	103
492,959 Fauber, William H.....	213	133	113	90,656 Frankel, William.....	225	156	20
343,165 Fay, Lamartine W.....	353	136	29	91,734 Fraser, J., and Austin, Jonathan.....	634	176	52
397,348 Fay, Lamartine W.....	379	148	31	486,456 Frazee, Fremont, and Wintersteen, Jacob L.....	166	100	108
391,702 Fay, Patrick J.....	230	158	20	361,024 Frazee, William C., and Reed, Charles M.....	615	318	51
484,952 Fay, Rimmon C.....	152	90	106	153,557 Fredenburgh, John.....	866	396	69
484,953 Fay, Rimmon C.....	152	90	106	224,415 French, Charles L.....	597	222	50
492,578 Fay, Rimmon C.....	131	131	112	68,432 French, Edwin W.....	816	438	87
424,879 Fay, Sillman M.....	15	8	2	276,899 Frenier, Joseph, and Scott, Emmet G.....	882	401	70
491,342 Fay, Waldo G.....	202	127	112	285,491 Frenier, Joseph.....	886	403	70
414,305 Featherstone, Alfred.....	667	233	51	206,222 Frenier, Joseph.....	886	403	71
371,747 Feeley, Thomas W.....	143	67	13	313,931 Frenier, Joseph.....	899	408	72
379,064 Feil, Charles.....	107	60	102	373,282 Frie, Hermanus T.....	262	91	22
277,252 Ferguson, Edward G.....	882	402	70	499,221 Friedberger, Morris.....	271	165	118
88,151 Ferguson, Henry J.....	280	110	24	306,236 Fries, William A.....	843	448	90
88,703 Ferguson, Henry J.....	54	27	6	250,737 Frisbie, Wm M., and Jackson, Frederick.....	766	288	64
493,696 Ferguson, William L.....	220	136	113	324,826 Fritz, August.....	511	214	42
464,324 Fernald, George W.....	47	24	5	321,162 Frommelt, Alfred E., Weber, Theodore R. A., and Henning, Carl G. E.....	343	133	29
246,000 Ferres, Jeffrey T.....	554	254	46	479,757 Fruen, Walter L.....	112	63	103
354,777 Ferries, George D.....	725	245	60	292,163 Fry, John W.....	745	264	62
424,965 Ferries, James L.....	420	196	34	484,152 Fuchs, Oscar J.....	146	86	106
249,166 Fielding, Geo. W., and Bryant Henry E.....	877	400	70	440,949 Fuller, George R.....	772	311	65
361,310 Fillize, Peter F., and Monnin, Alpheus C.....	726	246	60	441,949 Fuller, George R.....	772	311	65
376,241 Fillize, Peter F., and Monnin, Alpheus C.....	159	75	14	282,302 Fuller, Lysander A.....	539	243	45
39,561 Finchbaugh, Henry K.....	856	393	67	305,068 Fullerton, George A.....	843	448	90
499,457 Finley, Gipson.....	274	166	118	295,491 Funk, Elliott H.....	540	202	45
294,025 Fish, Frank L. P.....	343	39	39	336,226 Funk, John B.....	202	104	18
345,424 Fish, Warren L.....	465	337	38	360,873 Furse, John P.....	917	415	74
385,666 Fish, Warren L.....	472	165	118	388,048 Fyrberg, Andrew and Johnson, Iver.....	688	283	57
499,379 Fish, Warren L.....	767	289	64	466,581 Fyrberg, Andrew and Hanson, Olaus.....	10	6	2
356,112 Fish, Warren La F.....	603	314	50	265,056 Gable, William, and Pelton, Charles H.....	638	178	52
65,199 Fisher, D. S.....	603	314	50	137,431 Gaffey, William.....	185	99	16
498,051 Fisher, Edwin C.....	260	160	117	388,963 Gallagher, Patrick.....	208	106	18
492,280 Fisher, George P.....	209	130	112	397,638 Gallagher, Patrick.....	210	107	18
498,777 Fisher, William C.....	267	163	117	264,073 Gallup, Henry C.....	317	124	27
184,852 Fishwick, James.....	296	115	25	303,593 Gallup, Henry C.....	894	406	71
333,402 Fishwick, James.....	906	411	73	435,997 Galt, Thomas A.....	953	431	78
117,760 Fitts, George W.....	992	363	80	87,769 Gardner, Franklin B., and Trageser, John.....	180	97	16
401,425 Fitzpatrick, William J.....	731	248	61	473,871 Gardner, Fulton.....	55	32	98
437,026 Flachs, Richard.....	24	12	3	388,484 Garford, Arthur L.....	474	343	39
167,517 Flack, John J.....	407	192	33	431,573 Garford, Arthur L.....	485	349	39
302,718 Flagg, George H. P.....	842	448	90	457,070 Garford, Arthur L.....	41	20	4
91,534 Flagg, L. B.....	633	176	52	457,435 Garford, Arthur L.....	42	20	4
141,536 Fleer, Francis R., and Bellemere, John F.....	995	358	91	467,164 Garford, Arthur L.....	7	4	93
339,395 Fleischer, Richard J.....	1046	175	52	467,402 Garford, Arthur L.....	9	5	94
443,938 Fleming, Will A.....	36	21	96	467,403 Garford, Arthur L.....	9	5	94
471,472 Fleming, Will A.....	36	21	96	473,388 Garford, Arthur L.....	49	28	97
377,102 Fletcher, Chas. J., and Gorman, Chas. R.....	923	418	75	481,538 Garford, Arthur L.....	127	73	104
401,339 Fletcher, Richard H.....	174	83	15	485,186 Garford, Arthur L.....	155	93	107
307,757 Fletcher, Robert C.....	338	131	28	311,395 Garland, Richard H.....	610	316	50
318,458 Fletcher, Thomas.....	845	449	90	493,582 Garrard, Henry H.....	218	136	113
441,545 Flickinger, Wm. F., and Wiatt, Geo. J.....	549	206	46	295,161 Garrood, John C.....	585	292	49
91,322 Flint, Daniel P.....	287	112	24	348,276 Garrood, John C.....	723	244	60
91,323 Flint, Daniel P.....	288	112	24	418,611 Garwood, Spencer.....	645	216	53
146,895 Flynn, William.....	965	358	91	435,493 Garwood, Spencer.....	791	321	66
369,702 Foley, John, Jr.....	700	288	66	441,544 Garwood, Spencer.....	825	440	88
334,578 Foote, Edward H.....	677	224	50	133,219 Gately, Dennis C.....	834	444	89
291,323 Foote, George D.....	694	266	57	186,123 Gately, Dennis C.....	685	281	56
394,907 Forman, Sands.....	729	247	60	327,786 Gates, Charles H.....	685	281	56
394,068 Forman, Sands.....	374	82	13	361,280 Gaylor, Leonard B.....	171	81	15
488,603 Forry, Chas. E., and Devore, Levi M.....	181	111	110				

	P.	C.	R.		P.	C.	R.
409,782 Gaylor, Leonard B.	595	298	49	377,610 Goodsell, Charles H.	2	1	1
433,562 Gaylor, Leonard B.	175	83	15	384,150 Goodsell, Charles H.	2	1	1
444,430 Gedde, Burton H.	956	432	78	377,102 Gorman, Chas. R., and Fletcher, Chas. J.	923	418	75
458,573 Gedde, Burton H.	961	434	79	314,236 Gormley, Herbert J.	219	95	19
222,697 Geigan, Joseph E.	221	222	114	19,552 Gornully & Jeffery Manufacturing Co.	801	801	67
484,586 Gelin, Peter.	150	89	106	19,553 Gornully & Jeffery Manufacturing Co.	801	801	67
497,737 Gellhaus, Frank and Guethler, Wm.	121	7	94	295,632 Gould, George H.	752	323	62
485,844 Gellhaus, Frank and Guethler, Wm.	161	97	107	254,128 Gould, George H.	756	324	63
150,021 Gendron, Peter.	866	369	68	300,075 Goulden, William.	797	774	59
291,222 Gendron, Peter.	878	400	70	404,832 Goulden, William.	477	345	39
294,461 Gendron, Peter.	998	395	81	400,384 Govan, Alexander.	282	172	119
298,079 Gendron, Peter.	684	280	56	500,359 Gowdey, John.	334	130	28
322,777 Gendron, Peter.	902	410	72	344,432 Graham, Wm. H., and McDonald, Geo. R.	956	432	78
363,377 Gendron, Peter.	368	143	31	487,825 Grabser, Michael.	411	193	34
382,356 Gendron, Peter.	927	419	75	219,777 Grant, Arthur W., and Bean Roscoe.	401	409	72
400,074 Gendron, Peter.	382	149	31	320,930 Grant, Arthur W.	901	409	72
418,005 Gendron, Peter.	387	152	32	349,650 Grant, Arthur W., and Jefferies, Daniel P.	1032	484	85
419,937 Gendron, Peter.	943	427	77	468,538 Grant, Arthur W., and Rodger James.			
434,146 Gendron, Peter.	952	431	78	G.	16	8	94
496,822 Gendron, Peter.	4	3	93	470,483 Grant, Arthur W., and Jefferies, Daniel P.	32	18	96
466,824 Gendron, Peter.	4	3	93				
499,020 Gendron, Peter.	270	164	118	497,784 Grant, Arthur W.	257	157	116
475,020 George, Curtis K., and Perry, George R. and William H.	66	37	98	123,601 Gray, Chester H.	534	200	44
461,102 Gerber, Jean B.	985	309	79	452,876 Gray, Christian H.	1034	385	85
447,818 Gerstung, Henry, Jr.	972	360	92	491,479 Gray, Christian H.	204	128	112
453,441 Gertenbach, Louis P. J., and Hampp, Wm.	781	278	65	497,502 Gray, John W.	10	5	94
340,109 Gibbons, Francis J. J.	550	228	54	490,904 Gray, William A.	197	123	111
313,490 Gibbons John.	273	87	23	151,383 Greacen, John, Jr.	829	442	88
351,972 Gibbons John, and Meneely, Charles D.	874	387	23	195,324 Greacen, John, Jr.	832	444	89
353,935 Gibbons, John, and Meneely, Charles D.	275	88	23	210,252 Green, Charles W.	509	212	42
410,591 Gibbs, Frederick H.	386	151	32	473,837 Green, Richard.	54	31	98
485,540 Gibbs, William E.	159	95	107	91,535 Greene, Allene, and Dyer, Elisha.	633	176	52
322,174 Gibby William.	902	410	72	84,878 Greene, John A.	989	361	79
23,108 Gibson & Prentiss.	260	261	117	91,435 Greene, John A.	990	362	80
151,660 Gibson, Jacob H.	446	329	36	169,100 Greene, John A.	994	363	80
464,357 Gibson, Myron B.	586	259	47	86,339 Greenwood, Geo. D., and Husted, Frank H.	50	26	5
485,345 Gibson, Myron B.	156	94	107	441,485 Greenwood, Ransford S.	488	350	40
728,534 Gideon, Francis M.	584	402	70	125,451 Gregg, Solon A.	404	191	33
222,779 Gilbert, James W.	190	100	17	492,510 Gregory, Herbert.	211	131	112
415,291 Gilbert, Solomon E.	480	346	39	130,712 Griffiths, George H.	269	85	23
230,572 Giles, William W.	216	94	19	314,013 Griffiths, George H.	343	133	29
236,573 Giles, William W.	216	94	19	338,151 Griffiths, John A.	351	136	29
252,455 Giles, William W.	311	122	27	416,220 Grinnell, Amos L.	984	309	79
22,057 Gilhuly, Stephen B.	176	176	110	485,094 Grisdold, Frederick B. and Dey, Harry E.	152	91	106
227,685 Gil, Joshua S., Jr., and Alexander, Geo. B.	302	118	26	451,858 Gross, John H.	958	433	78
173,615 Gillespie, James E.	833	444	80	254,639 Groust, William H. J.	312	122	27
225,698 Gillespie, James E.	838	446	80	248,737 Grubb, William H.	410	193	33
268,366 Gillespie, James E.	840	447	80	425,017 Guest, Charles H. and Barrow, Louis.	17	9	2
290,767 Gillespie, James.	752	322	62	497,050 Guest, Herbert.	252	155	116
401,551 Gillies, Alexander.	937	424	76	407,737 Guethler, Wm. and Gellhaus, Frank.	12	7	94
181,432 Gilzinger, Sebastian.	296	115	25	485,844 Guethler, Wm. and Gellhaus, Frank.	161	97	107
281,489 Girard, Jean B.	67	31	7	463,862 Guignard, Louis F.	786	321	66
429,344 Gissingner, Samuel.	485	348	39	90,837 Guild, Joseph.	287	112	24
46,558 Gleason, Elliott P.	813	437	87	242,305 Guinand, Oliver U.	308	120	26
451,477 Gleason, Francis.	1033	385	85	302,398 Guinand, Oliver U.	336	130	28
483,146 Gleason, Francis.	138	81	105	350,243 Gump, Albert W.	746	264	62
484,005 Gleason, Francis.	146	86	106	492,285 Gundelach, Emil.	210	130	112
484,420 Gleason, Francis.	149	88	106	263,671 Gunn, Daniel A.	432	183	35
484,552 Gleason, John R.	150	89	106	93,433 Guy, C. B.	225	150	20
77,478 Gleason, T.	550	252	40	486,404 Haag, Paul.	162	108	108
289,907 Gleason, Orville E.	460	256	47	485,865 Hadley, Charles E.	162	68	107
143,880 Glover, Joseph H.	365	306	68	492,586 Hadley, Charles E.	212	131	112
431,457 Glover, Truman J.	773	310	64	495,732 Hadley, Charles E.	234	146	115
437,591 Glover, Truman J.	771	311	64	270,661 Hadley, Chas. F., and Overman, Albert H.	318	124	27
390,662 Goble, Truman L.	417	195	34	282,358 Hadley, Chas. F., and Overman, Albert H.	321	126	27
497,519 Goddard, George B.	256	137	116	283,413 Hadley, Chas. F., and Overman, Albert H.	908	365	80
499,103 Goddard, George B.	270	164	118	292,908 Hadley, Chas. F., and Overman, Albert H.	683	280	56
455,438 Golderer, Johann M.	265	93	22	313,018 Hadley, Chas. F., and Overman, Albert H.	242	132	29
400,204 Golding, William.	105	51	10	313,323 Hadley, Charles F.	684	280	56
487,522 Golding, William.	173	105	109	313,863 Hadley, Charles F.	717	242	60
493,160 Golding, William.	215	134	113	331,295 Hadley, Charles F.	690	297	58
391,241 Gongware, Turney H. and Hanley, Edwin K.	147	69	14	335,811 Hadley, Charles F.	351	135	20
485,187 Goodhue, Frank M. and James E.	155	93	107	380,886 Hadley, Charles F.	703	272	58
44,256 Goodman, Joseph.	179	97	16	385,350 Hadley, Charles F.	374	140	31
425,779 Goodrich, Harry C.	709	275	59	385,370 Hadley, Chas. F., and Overman, Albert H.	4	2	1
437,191 Goodrich, Harry C.	94	46	9	464,300 Hadley, Charles F.	676	230	50
455,395 Goodrich, Harry C.	101	49	10	390,017 Hagan, John.	439	185	39
455,426 Goodrich, Harry C.	1036	386	85	420,009 Hain, Ralph E.	482	340	39
459,217 Goodrich, Harry C.	1036	387	85	92,044 Hale, H. E. T.	634	177	52
456,218 Goodrich, Harry C.	1036	387	85	23,571 Hale, Loren.	808	435	80
468,798 Goodrich, Harry C.	21	12	95	97,488 Hale, William H.	457	333	37
468,799 Goodrich, Harry C.	21	12	95	39,280 Hale, William H.	494	337	38
				53,744 Hall, Albert C.	913	414	74

	P.	C.	R.		P.	C.	R.		
362,506	Hall, Albert C., and Bailey, Howard S.	918	416	74	396,083	Harris, Frank H.	379	148	31
425,506	Hall, Albert C.	946	428	77	403,346	Harris, Frank H.	1020	377	83
470,836	Hall, Arthur W.	33	19	96	403,347	Harris, Frank H.	578	308	48
492,887	Hall, Fred. J.	213	133	113	404,907	Harris, Frank H.	938	425	76
480,844	Hall, George F.	121	70	104	132,006	Harris, Isaac B.	825	440	88
391,895	Hall, John W.	105	51	10	206,442	Harris, Joshua W.	871	397	69
476,764	Hall, Joseph C.	82	45	100	495,733	Harris, William T.	235	146	115
447,822	Hall, John William.	1030	383	84	242,310	Harrison, Alfred J.	309	120	26
318,725	Hall, Luther.	198	103	17	381,547	Harrison, John N.	679	224	56
452,840	Hall, Orlando C., and Rasmussen, Eniar.	959	433	78	252,939	Harrison, Thomas T.	449	330	36
310,676	Hall, Thomas P., and James B.	340	131	29	264,287	Hart, Albert J.	879	401	70
325,338	Hall, Thomas P., and James B.	345	133	29	275,485	Hart, Harrie B.	762	286	63
91,123	Hall, William S.	400	190	33	285,891	Hart, Harrie B.	452	331	37
451,428	Halladay, Lewis P.	100	49	10	311,128	Hart, Harrie B.	767	289	64
451,429	Halladay, Lewis P.	37	18	4	322,057	Hart, Harrie B.	745	264	62
477,179	Halladay, Lewis P.	87	49	100	339,795	Hart, Harrie B.	138	64	13
92,606	Ham, Daniel.	990	362	80	363,518	Hart, Harrie B.	366	142	39
290,576	Hambly, William S.	125	59	12	385,620	Hart, Harrie B.	145	68	14
496,359	Hamman, Frank M.	242	149	115	87,259	Hartford, Frank D., and Howe, Manley.	713	240	59
417,483	Hammarstrom, Olof.	387	151	32	724,885	Hartley, Howard.	816	438	87
149,393	Hammelmann, Charles.	535	201	45	484,681	Hartley, Richard K., McDougall, Isaac S., and Smith, George H.	150	89	106
225,010	Hammelmann, Charles.	116	55	11					
477,540	Hammer, Jens J.	90	51	101	484,712	Hartley, Richard K.	151	89	106
427,076	Hammering, Franz.	21	11	2	456,815	Hartmann, Charles A.	1039	388	85
453,441	Hampp, Wm. and Gertenbach, Louis P. J.	781	278	65	378,957	Hartness, James.	728	247	60
348,325	Hampshaw, Charles W.	221	96	19	303,513	Hartney, Charles, and Paddock, William.	716	241	60
418,142	Hance, William A., and Stover, Daniel C.	13	7	2	409,964	Harvey, Charles T.	479	345	39
418,142	Hance, William A., and Stover, Daniel C.	90	43	9	259,535	Harwood, George F.	782	278	65
431,308	Hance, William A., and Ziegler, Oscar J.	652	198	53	297,991	Harwood, George F.	782	278	65
454,431	Hance, William A.	491	353	40	397,078	Haslup, William.	935	423	76
468,994	Hance, William A.	23	13	95	442,043	Haslup, William.	934	431	78
109,405	Hanchett, Daniel, Daney, John C., and Stuart, Keulen.	429	182	35	497,495	Hassan, Midbury W.	255	156	116
232,266	Hancock, James L., and Salamon, Nahum.	990	364	80	221,917	Hassenpflug, Henry.	409	192	33
194,870	Hancock, Warren H.	188	99	17	458,199	Hatcher, Edwin H.	85	41	8
274,762	Handy, Charles F., and Anthony, Wendell P.	330	125	27	456,411	Hathaway, Edgar F.	743	262	62
384,750	Hanks, Austin J.	928	420	75	409,758	Haulenbeck, John H., and Beatty Robt. P.	837	445	62
433,285	Hanks, Austin J.	951	420	78					
391,241	Hanley, Edwin K. and Gongware, Turney H.	147	69	14	99,567	Hausknecht, Edward and Schloemer, Gottfried	264	92	22
79,654	Hanlon, George, William, Alfred, Edward and Frederick.	49	26	5	86,153	Hausknecht, Gustavus L.	403	190	33
3,297 (R.)	Hanlon, George, William, Alfred, Edward and Frederick.	50	26	5	141,712	Hawkins, John E.	257	89	22
79,654	Hanlon, George, William, Alfred, Edward and Frederick.	49	26	5	141,712	Hawkins, Lorenzo P.	827	441	88
86,834	Hanlon, William.	51	26	5	389,469	Hawn, Socrates A.	930	420	75
433,021	Hannes, George.	952	430	78	210,422	Hay, Daniel D., and Schaaf, Albert E.	592	296	49
307,293	Hanser, Otto.	726	246	60	354,638	Haynes, Gideon, Jr., and Schaaf, Albert E.	592	296	49
250,483	Hansmann, Max, and Barnes, Raymond F.	749	322	62	392,557	Haynes, Gideon, Jr.	707	274	59
425,612	Hanson, Albert, Johnson, Thomas, and Whiteley, Nathan.	946	428	77	402,926	Haynes, Gideon, Jr.	690	284	57
456,989	Hanson, Andrew P.	966	93	23	93,091	Haynes, James H.	182	98	16
388,047	Hanson, Olaus, and Johnson, Iver.	665	232	54	241,698	Hayes, John and Newsam, George A.	520	220	43
406,581	Hanson, Olaus, and Fryberg, Andrew.	10	6	2	354,318	Hayes, William.	562	257	47
420,059	Hanson, Olaus, and Lobben, Peder.	14	7	2	98,592	Haynes, John H.	183	98	16
420,060	Hanson, Olaus.	482	346	39	289,927	Hayes, Charles W.	321	126	27
420,061	Hanson, Olaus.	944	427	77	448,060	Hazard, Frederick J. H.	34	17	4
459,003	Hanson, Olaus.	42	21	4	359,536	Hazen, William L., and Hildreth, Geo. H.	141	66	13
471,744	Hanson, Olaus.	38	21	96	19,953	Hazelwood & Warman.	803	363	67
482,735	Hanson, Olaus.	135	79	105	458,392	Heale, William.	1040	389	86
297,343	Harbison, Andrew.	839	446	89	402,815	Heale, William.	1043	391	86
436,873	Hardy, Emery E.	78	37	8	341,237	Healey, John H.	722	244	60
441,409	Hardy, Emery E.	80	38	8	301,234	Healy, William F.	585	292	49
405,475	Hardy, Emery E.	86	42	9	464,720	Heasley, George W.	962	435	79
487,669	Hardy, Walter B.	174	106	109	479,060	Heath, Elroy N.	107	61	102
488,392	Hardy, Walter B.	179	110	110	266,820	Heath, Watson A.	318	124	27
92,306	Hares, Thomas A.	604	314	50	393,230	Hedderwick, Percy D.	650	197	53
91,438	Harper, C. A.	182	98	16	22,858	Hedger, Harry D.	237	237	115
402,047	Harper, James M., and Otis, John D.	208	130	112	379,955	Hedger, Harry D.	703	271	58
409,581	Harrell, Amaziah E.	419	196	34	315,026	Heeley, Richard.	1001	367	81
478,564	Harrington, Frank and Bullard, Frederick.	101	57	102	342,257	Heidorf, Joseph.	543	203	45
240,995	Harrington, John.	447	329	36	325,408	Heilman, Russell P., and Perkins, Richard B.	512	214	42
324,317	Harrington, John.	235	160	20	413,710	Heinze, George.	526	222	44
359,863	Harrington, John.	660	229	54	254,873	Heller, James E.	878	400	70
360,588	Harrington, John.	467	339	38	321,210	Helmright, Henry H., and Stone, Geo. W.	901	409	72
364,171	Harrington, John.	468	339	38	92,528	Hemmings, Richard C.	635	177	52
498,790	Harrington, Theodore.	267	163	117	425,789	Hems, Jan A.	652	198	53
439,866	Harriott, George.	488	350	40	423,240	Hendee, George M.	709	275	59
499,109	Harriott, George.	42	21	4	155,183	Henderer, Edmund, and Dale, John H.	186	99	16
422,407	Harris, Ernest A.	945	428	77	490,438	Hendrick, Joel H.	193	119	111
353,060	Harris, Frank H.	913	413	74	499,675	Hendrick, Joel H., and Kelly, Jarvis P.	276	167	118
309,850	Harris, Frank H.	921	417	74	280,473	Hendrickson, Zachariah.	195	102	17
371,580	Harris, Frank H.	1013	372	82	327,084	Hennessey, Thomas F.	414	194	34
					421,933	Hennessey, Thomas F.	548	206	46
					310,998	Henning, Carl G. E.	233	159	20
					10,575 (R.)	Henning, Carl G. E.	233	159	20
					310,998	Henning, Carl G. E.	233	159	20
					316,146	Henning, Carl G. E.	233	159	20

	P.	C.	R.		P.	C.	R.
321,162 Henning, Carl G. E., Frommelt, Alfred E., and Weber, Theodore R. A.	343	133	29	4,918 Holmes, Ira	855	393	67
393,904 Henry, Hiram F.	475	343	39	447,542 Holmes, John A.	672	236	55
351,768 Henry, John	613	317	51	91,018 Holste, Wm. F., and Babbitt, B. T.	619	171	51
477,095 Henshaw, Francis T., and Adams, Frederick G.	85	48	100	323,149 Holt, Albert T.	845	449	90
12,406 Herbert, Wm. H., Hillman, Wm., and Cooper, George B.	794	794	67	334,951 Holt, Albert T.	847	450	90
19,858 Herbert, Wm. H., Hillman, Wm., and Cooper, George B.	832	802	67	497,575 Holt, Leopold	256	157	116
443,207 Hering, Albert	769	290	64	390,368 Holkamp, Hermann H.	546	205	46
118,934 Hermann, Charles W.	992	363	80	245,827 Hood, George H.	996	364	80
360,017 Hernandez, Eleuterio C.	142	66	13	474,740 Hoopes, David J.	64	36	98
483,202 Herrick, John I.	211	68	18	432,312 Hopkinson, Frederick and Leonard C.	443	186	36
157,824 Hess, Charles, and Hess, George E.	792	310	67	103,301 Hopkinson, John E.	186	114	110
261,411 Hesser, Benjamin F., and Van Meter, Joseph E.	434	183	35	245,829 Hopwood, John	422	158	34
471,117 Hessing, James	34	20	96	451,972 Horah, James H.	742	262	62
500,205 Heysinger, Isaac W.	281	170	119	373,980 Horn, David	206	105	18
446,098 Hilbert, Wm. E., and Manuel, Alfred	30	15	3	191,145 Hornig, Julius I.	297	116	25
250,917 Hicks, Horace B.	654	226	53	467,112 Horsfield, Thomas, and Willoughby, Frank S.	76	4	93
366,872 Hicks, Horatio F.	935	423	76	421,277 Horton, Jas. M., and Levison, Michael M.	608	275	59
483,493 Hicks, Thomas H.	140	82	105	421,936 Horton, Jas. M., and Levison, Michael M.	709	275	59
484,367 Hicks, Thomas H.	148	88	100	431,834 Horton, Numan N.	646	217	53
478,191 Hide, Arthur C.	99	56	101	431,895 Horton, Numan N.	647	217	53
496,937 Hide, Arthur C.	251	155	116	431,896 Horton, Numan N.	949	430	78
271,583 Hiester, Charles E.	320	125	27	436,239 Horton, Numan N.	648	217	53
285,130 Hiester, Charles E.	324	126	28	405,135 Horton, Numan N.	1045	392	86
415,117 Higby, Edward H., and Morsman, John A.	426	77	105	4,51,306 Horton, Numan N.	152	71	14
425,898 Higby, Edward H., and Morsman, John A.	947	428	77	228,996 Hoose, Lewis M.	117	55	11
194,681 Higgins, James and Traynor, Patrick	187	99	17	488,200 Hotchkiss, Arthur E.	176	1-8	109
218,968 Higham, Enos T.	190	100	17	488,201 Hotchkiss, Arthur E.	177	109	109
305,225 Higham, Enos T., and Daniel	336	130	28	105,335 Hotchkiss, Burrill M.	822	439	88
201,179 Higley, Eben N.	188	99	17	245,499 Houff, William H.	193	101	17
359,536 Hildreth, George H., and Hazen, Wm. L.	141	66	13	486,102 Houff, William H.	88	42	9
351,771 Hill, Giles P.	544	204	45	89,047 House, James A., and Snyder, Wm. B.	282	114	24
229,252 Hill, Edward K., Tolman, Edward F., and Howland, Arthur H.	553	254	46	141,715 House, Philander C.	865	306	68
275,910 Hill, Edward K.	451	331	36	465,476 Howard, Henry G. M.	1045	393	86
312,508 Hill, Frank A.	871	398	69	249,622 Howard, James E., and Stall, Wm. W.	714	240	59
216,956 Hill, Frank A.	872	398	69	170,629 Howard, Wm. T., and Geo. H.	597	222	50
494,333 Hill, George H.	222	138	114	492,017 Howe, Eugene L.	208	130	112
407,930 Hill, Louis A.	11	6	2	330,026 Howe, Edward P.	350	135	29
459,363 Hill, Louis A.	1041	390	86	330,027 Howe, Edward P.	350	135	29
312,634 Hill, Sylvester B.	459	334	37	344,530 Howe, Edward P.	353	137	29
88,872 Hill, W. S.	281	110	24	344,531 Howe, Edward P.	354	137	30
422,781 Hillier, Henry F.	15	8	2	87,259 Howe, Manley, and Hartford, Frank D.	713	240	59
448,716 Hilliard, John S.	761	328	63	293,251 Howell, George W.	888	404	71
12,406 Hillman, William, Herbert, William H., and Cooper, George B.	794	794	67	303,853 Howell, George W.	894	406	71
19,858 Hillman, William, Herbert, William H., and Cooper, George B.	802	802	67	216,365 Howell, George W.	900	409	72
241,361 Hillman, William	681	279	56	356,643 Howell, George W.	915	415	74
247,643 Hillman, William	309	121	26	360,156 Howell, George W.	917	415	74
310,823 Hillman, William	458	334	37	366,641 Howell, George W.	921	417	74
311,320 Hillman, William	128	60	12	495,093 Howell, George W.	938	425	76
430,109 Hillman, William	22	11	3	420,343 Howell, George W.	944	427	77
231,109 Hinckley, Hermon, and Culver, Newton H.	189	100	17	229,252 Howland, Arthur H., Tolman, Edward F., and Hill, Edward K.	553	254	46
341,911 Hoak, Amos	203	104	18	44,425 Hoxsie, David K., and Reed, Thomas L.	812	436	87
388,416 Hockett, Pleasant	207	106	18	31,052 Hoxsie, David K., and Reed, Thomas L.	813	437	87
91,937 Hodge, Lyman F.	692	265	57	54,909 Hoxsie, David K., and Reed, Thomas L.	814	437	87
9,054 Hodge, Nehemiah	398	189	33	424,986 Hoyt, Clarence P.	199	107	18
160,268 Hodges, Andrew J.	867	397	69	339,891 Hoyt, Gabriel P. B.	754	323	63
420,722 Hodgman, Frank S.	668	233	55	322,936 Hoyt, Lewis S.	845	449	90
447,040 Hoefel, Hermann, and Blechschmidt, Gustav	911	413	73	436,978 Hoyt, Montravelle	710	275	59
64,418 Hoepfner, F. C. G.	501	210	41	439,779 Hoyt, Montravelle	691	285	57
146,340 Hoffman, Antony A.	294	114	25	435,358 Hubbard, Arthur O.	952	431	78
493,153 Hoffmann, Ernest G.	1044	301	86	354,474 Hubbard, Fred W.	913	414	74
309,566 Hoffmann, Geo., and Schadt, Bernhard	868	408	72	87,936 Hubbard, N. W.	280	110	24
134,989 Hoffmire, John E.	226	157	20	303,284 Huber, Edward	893	406	71
295,870 Hogan, William H.	787	312	66	10,727 (R.)	893	406	71
490,229 Hohenstein, Henry, and Apple, Benjamin J.	190	117	110	303,284 Huber, Edward	893	406	71
458,832 Hohoff, Frederick H.	773	312	65	402,673 Hubson, Charles E.	971	300	92
308,160 Hoke, John L.	896	407	72	375,797 Hudson, Henry J.	490	340	38
478,430 Holdsworth, Charles H.	100	57	101	339,422 Hudson, James	1005	369	81
482,175 Holdaffola, George	132	77	105	339,550 Hudson, James	1006	369	81
285,035 Holland, Wiley S.	411	193	34	452,073 Huelsen, Felix J., and Nagel, Jacob	37	18	4
437,269 Hollister, Wm., and Wardman, Palmer	631	175	52	455,945 Huelsen, Felix J., and Nagel, Jacob	40	20	4
186,379 Holloway, Chas. T., and Steman, Wm. H.	269	86	23	477,659 Huennkens, Frederick W.	262	101	17
274,196 Holloway, Charles T.	195	102	17	498,794 Huennkens, Frederick W.	267	103	118
266,020 Holloway, Julius H.	188	100	17	414,046 Huggins, Robert T.	222	90	19
				378,961 Hughes, George M.	924	418	75
				495,601 Hughes, Joseph H., and Bown, Wm.	234	145	114
				22,454 Hulbert Brothers & Company	205	205	113
				300,261 Hull, George S., and Charles S.	050	197	53
				259,853 Hull, Welcome H., and O'Rear, Jas. W.	114	54	11
				20,325 Humber & Company	804	804	67
				305,690 Humber, Thomas	231	138	20

	P.	C.	R.		P.	C.	R.
352,090 Humber, Thomas.....	466	338	38	371,326 Jeffery, Thomas B.....	745	263	62
328,682 Humphreys, Robert E.....	462	336	37	379,276 Jeffery, Thomas B.....	662	230	54
332,658 Humphreys, Robert E.....	463	336	37	383,129 Jeffery, Thomas B.....	1015	373	82
82,319 Hunt, David, Jr.....	257	89	22	383,130 Jeffery, Thomas B.....	1015	373	82
443,482 Hunt, Franklin B.....	81	39	8	383,131 Jeffery, Thomas B.....	688	283	57
443,721 Hunt, Franklin B.....	81	39	8	384,980 Jeffery, Thomas B.....	473	342	39
450,938 Hunt, Franklin B.....	83	40	8	385,715 Jeffery, Thomas B.....	704	272	58
471,008 Hunt, Harry, and Steers, William.....	41	23	96	395,147 Jeffery, Thomas B.....	7	3	1
471,685 Hunt, Jonathan A.....	38	21	96	397,188 Jeffery, Thomas B.....	689	284	57
483,559 Hunt, Jonathan A.....	143	85	106	397,189 Jeffery, Thomas B.....	578	308	48
489,305 Hunt, Jonathan A.....	186	113	110	398,158 Jeffery, Thomas B.....	7	4	1
483,495 Hunter, Andrew.....	141	83	106	398,159 Jeffery, Thomas B.....	380	149	31
496,301 Hunter, Andrew.....	242	150	117	400,343 Jeffery, Thomas B.....	650	197	53
444,048 Hunter, David E.....	707	274	59	406,445 Jeffery, Thomas B.....	10	5	1
90,546 Huntington, Elon.....	268	85	23	408,014 Jeffery, Thomas B.....	254	170	22
411,190 Huntington, Frank A.....	629	174	51	408,718 Jeffery, Thomas B.....	478	345	39
171,137 Huret, Narcisse.....	791	321	66	411,035 Jeffery, Thomas B.....	74	34	7
172,200 Hurley, Madison M., Stockdale, Cornelius F., and Reamer, Hiram J.....	994	363	80	434,449 Jeffery, Thomas B.....	486	349	40
448,586 Hurrell, William E.....	673	237	55	441,417 Jeffery, Thomas B.....	669	234	55
470,070 Huss, Rudolph W. and Moffat, Geo. D. C.....	31	18	95	444,066 Jeffery, Thomas B.....	1029	382	84
490,658 Huss, Rudolph W.....	194	121	111	448,655 Jeffery, Thomas B.....	673	237	55
495,074 Huss, Rudolph W.....	237	147	115	449,220 Jeffery, Thomas B.....	674	238	55
495,075 Huss, Rudolph W.....	238	147	115	454,115 Jeffery, Thomas B.....	1035	386	85
330,780 Hussong, Joseph.....	542	203	45	454,172 Jeffery, Thomas B.....	491	353	40
86,339 Husted, Frank H., and Greenwood, Geo. D.....	50	26	5	460,641 Jeffery, Thomas B.....	44	22	5
321,365 Hutches, Benjamin F., Jr.....	753	323	63	466,565 Jeffery, Thomas B.....	2	1	93
86,545 Hutsman, E. N.....	532	200	44	466,780 Jeffery, Thomas B.....	3	3	93
111,213 Hyde, Oliver.....	991	362	80	477,007 Jeffery, Thomas B.....	84	40	100
117,422 Hyde, Oliver.....	991	362	80	496,880 Jeffery, Thomas B.....	250	154	116
215,071 Illston, George.....	554	225	53	490,252 Jenkins, Anthony D.....	491	117	111
383,396 Illston, George.....	594	272	58	498,939 Jenning, S. H.....	608	315	50
489,585 Imlah, James.....	718	68	103	494,215 Jett, John.....	280	113	24
217,535 Ingersoll, Roswell R.....	189	100	17	433,173 Jett, John.....	596	290	49
352,052 Ingraham, Alfred W.....	562	257	47	480,586 Jewell, Robert.....	119	68	103
494,003 Irons, Foster H.....	220	136	113	481,569 Jewett, Frank.....	127	73	104
89,140 Irving, Joseph.....	54	27	6	278,021 Jillson, Alonzo.....	883	402	70
85,527 Irwin, John H.....	50	26	5	436,079 Jiran, Charles G.....	764	287	64
86,405 Irwin, John H.....	224	156	20	232,825 Johnson, Alfred C.....	191	101	17
86,406 Irwin, John H.....	51	26	5	34,369 Johnson, Frank G.....	529	199	44
89,584 Irwin, John H.....	551	232	46	326,745 Johnson, Frederick L.....	765	287	64
302,495 Isham, Lewis S., and Kelling, John, Jr.....	413	193	34	90,687 Johnson, Geo. H., and Rathmann, Henry.....	114	54	11
469,651 Israel, Abraham.....	27	15	95	366,210 Johnson, George W.....	254	127	63
481,762 Ives, John P., and Colman, Frank B.....	129	75	104	408,624 Johnson, Gottfried.....	254	170	22
282,897 Ivet, Daniel R.....	504	202	45	379,224 Johnson, Iver.....	702	271	58
395,441 Jackson, Calvin.....	252	169	22	379,228 Johnson, Iver, and Torkelson, Reinhard T.....	702	271	58
250,737 Jackson, Frederick A., and Frisbie, Wm. M.....	766	288	64	388,047 Johnson, Iver, and Hanson, Olaus.....	665	232	54
302,056 Jackson, Josiah.....	504	207	49	388,048 Johnson, Iver, and Fyrborg, Andrew.....	688	283	57
456,702 Jacobs, Charles F.....	1036	387	85	391,333 Johnson, John, and Osborne, William T.....	378	148	31
83,132 Jacques, James A., Coles, George, and Fanshaw, John A.....	817	438	87	417,638 Johnson, Sidney.....	293	114	25
398,943 James, Campbell E.....	936	423	76	425,012 Johnson, Thomas, Hanson, Albert, and Whitley, Nathan.....	946	428	77
442,080 James, Jack W.....	785	321	66	477,122 Johnson, Warren S.....	86	48	100
447,246 Jamison, Thomas W.....	445	187	36	477,123 Johnson, Warren S.....	86	48	100
330,123 Jan Graw, Selden A.....	738	259	61	97,411 Johnson, Willis H.....	635	177	52
331,199 Jannus, Frankland.....	166	79	15	116,062 Johnston, David.....	551	253	46
115,212 Janson, Bernhard.....	184	99	16	127,063 Johnston, James A.....	863	395	68
473,931 Jaquish, Louis C.....	57	33	98	349,435 Johnston, James A.....	912	413	73
478,752 Jaquish, Louis C.....	107	58	102	349,433 Johnston, James L.....	912	413	73
426,384 Jasper, Wilhelm.....	630	174	51	360,595 Johnston, Robert and Peifer, Geo. W., Jr.....	171	81	15
105,587 Jeauntaud, Charles.....	993	363	80	314,335 Johnston, Thomas.....	130	61	12
449,650 Jeffries, Daniel P., and Grant, Arthur W.....	1032	384	85	465,859 Jolly, Claude.....	87	42	9
470,483 Jeffries, Daniel P., and Grant, Arthur W.....	32	18	96	90,947 Jones, Edgar A.....	287	112	24
243,569 Jefferson, Thomas E.....	875	399	69	460,072 Jones, Frank D.....	495	355	40
405,044 Jefferson, Thomas B.....	1047	303	79	296,837 Jones, Frederick W.....	334	130	28
19,552 Jeffery & Gormully Manufacturing Co.....	801	801	67	314,849 Jones, Harry H.....	718	242	60
19,553 Jeffery & Gormully Manufacturing Co.....	801	801	67	349,241 Jones, James.....	846	430	90
259,313 Jeffery, Thomas B.....	996	364	80	344,449 Jones, Mary S. and Naly, Sarah L.....	272	165	118
275,917 Jeffery, Thomas B.....	581	290	48	387,166 Jorgensen, Alfred.....	415	194	34
282,528 Jeffery, Thomas B.....	559	256	47	412,391 Jorgensen, Charles.....	525	222	44
312,473 Jeffery, Thomas B.....	129	60	12	277,904 Josef, Edward E.....	883	402	70
333,128 Jeffery, Thomas B.....	697	268	58	160,526 Joslin, Jacob D.....	830	443	88
335,590 Jeffery, Thomas B.....	1005	369	81	216,190 Joulle, Benj. A.....	300	117	26
352,190 Jeffery, Thomas B.....	139	65	13	325,278 Joyce, Geo. A. and Rushmer, Benj.....	904	410	73
354,907 Jeffery, Thomas B.....	407	338	38	375,877 Judson, Thomas S.....	849	452	90
355,321 Jeffery, Thomas B.....	502	296	49	327,952 Junge, Frederick.....	348	134	29
359,608 Je'er, Thomas B.....	659	229	54	163,381 Juri, F. Herman.....	993	363	80
359,609 Jeffery, Thomas B.....	687	282	57	488,395 Justice, William M.....	180	110	110
365,074 Jeffery, Thomas B.....	469	349	38	446,354 Kane, John H.....	83	40	8
366,218 Jeffery, Thomas B.....	609	269	58	238,951 Karlis, Helander.....	432	183	35
366,775 Jeffery, Thomas B.....	609	270	58	465,861 Karmin, Valerian.....	48	25	5
370,396 Jeffery, Thomas B.....	570	306	48	186,136 Katon, Walter, and Bonfils, Paul.....	297	119	25
				465,934 Keating, John D.....	48	25	5
				494,575 Keating, John D.....	252	141	114

	P.	C.	R.		P.	C.	R.
420,805 Keating, Robert M.....	90	43	9	161,045 Knapp, George S.....	966	358	92
426,670 Keating, Robert M.....	20	10	2	400,090 Knapp, Joseph.....	149	70	14
485,633 Keating, Robert M.....	160	96	107	222,506 Kneip, Anton.....	422	188	34
491,503 Keating, Robert M.....	206	129	112	455,288 Knell, James V.....	1047	503	79
19,296 Keefe & Beccannon.....	800	800	67	307,301 Knight, Herbert.....	848	451	90
491,429 Keen, John, Marriott, Thos. R., and Cooper, Frederick.....	203	128	112	159,584 Knight, Walter.....	187	99	16
482,090 Kehr, Cyrus.....	131	77	105	375,940 Knight, Walter.....	923	418	74
401,563 Keith, Alpheus.....	937	424	70	334,873 Knight, William W. H.....	970	360	92
161,966 Keller, Martin L., and James M.....	808	397	69	345,063 Knipe, William A.....	848	451	90
497,279 Kelly, Jarvis P., and Hendrick, Joel H.....	253	150	116	279,956 Knous, John.....	650	196	53
499,675 Kelly, Jarvis P., and Hendrick, Joel H.....	270	107	118	281,889 Knous, John.....	683	280	50
304,827 Kelley, William S.....	456	333	37	307,120 Knous, John.....	457	333	37
321,819 Kelley, William S.....	102	76	15	311,188 Knous, John.....	458	334	37
321,932 Kelley, William S.....	103	77	15	312,732 Knous, John, and Wallace, Albert E.....	656	226	54
302,514 Kelley, William S.....	104	77	15	313,683 Knous, John, and Wallace, Albert E.....	572	395	48
302,498 Kelling, John Jr., and Isham, Lewis S.....	413	193	34	318,568 Knous, John.....	460	335	37
19,092 Kellner, L. (See Errata).....	178	97	16	322,543 Knous, John.....	696	297	58
283,612 Kellogg, Henry.....	125	58	12	354,511 Knous, John.....	592	296	49
134,804 Kellogg, Hiram.....	864	395	68	363,522 Knous, John.....	678	224	56
359,448 Kelsey, Benjamin.....	141	66	13	371,266 Knous, John.....	602	230	54
296,673 Kelsey, George S.....	694	266	57	374,542 Knous, John.....	576	307	48
484,857 Kempe, Arnold H.....	151	90	106	382,430 Knous, John.....	471	341	38
440,312 Kendall, George D. and William F.....	711	270	59	405,780 Knous, John.....	477	345	39
276,600 Kenfield, William and Stilwell, Henry M.....	769	310	64	477,854 Knudson, Adolph.....	215	94	19
448,750 Kenfield, William W.....	673	238	55	487,753 Koenig, Christian.....	174	106	109
305,198 Kempster, Daniel E.....	598	223	50	453,243 Koepf, Henry.....	514	215	42
369,860 Kempster, Daniel E.....	600	223	50	381,144 Kohler, Frederick E.....	373	145	31
287,943 Kennedy, DeLancy.....	115	54	11	400,091 Kohler, Frederick E.....	383	150	31
446,835 Kennedy, John W.....	747	265	62	498,266 Kopp, Theodore and Lutz, Wm. E.....	241	149	115
383,645 Kennedy, Samuel V.....	927	419	75	498,172 Kortright, George W., and Craven, Charles M.....	260	160	117
485,583 Kenney, Owen E., and Cable, Frank D.....	159	95	107	360,392 Koyl, C. Herschel, and Prindle, Frank P.....	767	289	61
431,000 Kenney, Thomas M.....	210	108	18	355,324 Kramer, Camillo.....	262	91	22
431,061 Kenney, Thomas M.....	211	108	18	301,530 Kramer, Camillo.....	244	164	21
437,997 Kenney, Thomas M.....	506	299	50	390,077 Kramer, Camillo.....	931	421	75
437,998 Kenney, Thomas M.....	1025	380	84	421,100 Kramer, Camillo.....	256	171	22
198,627 Kerr, Christopher C.....	407	192	33	16,060 Krause, Henry.....	398	189	33
464,207 Kessler, Frank J.....	396	155	32	394,793 Krep, John W.....	933	422	76
169,272 Kester, Ira.....	868	397	69	293,581 Kressly, Wilson.....	684	280	50
477,423 Keyser, Algernon S.....	89	50	101	445,118 Krieger, Julius, and Dallmer, Albert.....	712	276	59
385,717 Kibbe, George.....	679	225	56	498,800 Kromer, Camillo.....	268	163	118
386,990 Kibbe, George.....	145	68	14	245,840 Krueger, John W.....	150	213	42
393,837 Kibbe, George.....	173	82	15	490,750 Kuhn, Edmond.....	195	121	111
402,460 Kibbe, George.....	72	33	7	443,499 Kuolt, Joseph, and Coram, Stephen.....	549	206	46
347,118 Kidder, Francis L.....	530	199	44	493,505 Kurtz, Louis.....	218	135	113
375,755 Kidder, Wellington P.....	247	165	21	481,038 Kupfer, Arthur A., and Herman, C.....	122	70	104
393,071 Kilhr, Charles M.....	546	205	46	327,697 La Casse, Henry.....	512	214	42
103,895 Kilner, Geo., and Simmons, Francis H.....	493	191	33	327,979 La Casse, Henry.....	237	160	21
278,972 Kimball, Stephen H.....	66	31	7	372,931 La Casse, Henry.....	245	164	21
471,358 Kimball, Stephen H.....	36	20	96	389,517 La Casse, Henry.....	250	166	21
487,017 Kimball, Stephen H.....	171	103	108	439,408 Lake, Ezra B.....	954	431	78
487,018 Kimball, Stephen H.....	171	103	108	348,851 Lakin, James A., and Emerson, Cyrus Jr.....	754	323	63
123,797 Kind, Robert.....	185	90	16	59,915 Laillement, Pierre.....	49	25	5
327,397 King, Homer A.....	236	160	20	7,972 (R.).....	49	25	5
341,383 King, Homer A.....	239	161	21	59,915 Laillement, Pierre.....	49	25	5
349,800 King, Homer A.....	241	162	21	7,874 Lamb, John and Root, Charles H.....	856	393	66
349,801 King, Homer A.....	356	138	30	444,130 Lambert, Richard C., and Crawford, Har- vey F.....	631	175	52
349,802 King, Homer A.....	68	32	7	444,131 Lambert, Richard C., and Crawford, Har- vey F.....	631	175	52
353,071 King, Homer A.....	1010	371	82	399,174 Lambert, Robert B.....	208	106	18
358,204 King, Homer A.....	467	339	38	293,656 Lamplugh, James A.....	454	332	37
369,162 King, Homer A.....	467	339	38	311,332 Lamplugh, James A.....	458	334	37
373,807 King, Homer A.....	593	297	49	323,693 Lamplugh, James A.....	461	335	37
404,490 King, Homer A.....	731	249	61	343,909 Lamplugh, James A.....	775	300	65
475,780 King, Wm. E., and Walpole, Wm. R.....	74	40	99	352,331 Lamplugh, James A.....	775	300	65
439,879 King, William H.....	741	261	61	382,534 Lamplugh, James A.....	471	342	38
393,753 Kinne, Porter S., and Sandford, Charles.....	541	203	45	446,355 Lamplugh, James A.....	489	351	40
390,682 Kinney, Edwin R.....	931	421	75	462,951 Lampton, Winslow F.....	855	454	91
62,427 Kirk, George H.....	530	199	44	253,211 Lamson, Charles H.....	774	299	65
317,377 Kirk, John A.....	780	277	65	320,145 Lamson, Charles H.....	752	323	63
413,189 Kirk, John A.....	108	52	10	444,080 Lamson, Charles H.....	777	301	65
278,560 Kirkpatrick, Thomas J.....	452	331	36	452,673 Lamson, Charles H.....	778	302	65
289,272 Kirkpatrick, Thomas J.....	453	331	37	452,977 Lamson, Charles H.....	778	302	65
314,142 Kirkpatrick, Thomas J.....	497	357	41	29,288 Landis, Edward.....	497	208	41
465,666 Kirkpatrick, Thomas J.....	497	357	41	496,834 Landis, William J.....	249	154	110
495,363 Kitto, William H.....	667	333	55	494,008 Landreth, Leopold.....	220	136	113
497,798 Klages, William.....	257	158	117	94,899 Landry, Norbert.....	429	182	35
447,331 Klahr, Davilla L.....	617	319	51	387,685 Lane, Henry G.....	929	420	75
285,821 Klahr, William.....	160	75	14	204,903 Lane, John.....	870	397	90
420,609 Klausner, Arthur E., and Southard, Frank E.....	1022	378	83	278,438 Lane, John.....	884	402	70
420,610 Klausner, Arthur E., and Southard, Frank E.....	1022	378	83	278,665 Lane, John.....	884	403	70
496,742 Kllipstein, James H.....	1021	377	83	52,422 Lane, Thomas A.....	857	394	68
344,118 Klotz, Joseph.....	910	412	73	407,742 Lange, Frederick L.....	13	8	94

	P.	C.	R.		P.	C.	R.
494,870 Langer, Gotthold.....	227	142	114	373,570 Lea, Richard H., and Singer, George.....	727	246	60
228,908 Langmaak, Friedrich, and Streiff, Peter.....	635	177	52	382,837 Lea, Richard H., and Singer, George.....	249	166	21
490,714 Langmuir, Woodburn.....	195	121	111	435,157 Lea, Richard H., and Singer, George.....	771	310	64
496,418 Langmuir, Woodburn.....	243	151	115	306,498 Leddell, Charles S.....	154	72	14
496,571 Lapsolu, George V. G.....	245	152	115	306,499 Leddell, Charles S.....	161	76	15
288,821 Larroque, Jean J. A.....	229	158	20	319,983 Leddell, Charles S.....	155	72	14
331,044 Latta, Adrian.....	720	243	60	320,073 Leddell, Charles S.....	155	73	14
428,919 Latta, Adrian C.....	690	284	57	10,673 (R.) } Leddall, Charles S.....	157	74	14
15,297 Latta, Alexander B.....	856	393	07	320,073 }			
280,633 Latta, Emmitt G.....	581	291	48	342,015 Leddell, Charles S.....	167	79	15
294,040 Latta, Emmitt G.....	583	291	48	367,049 Leddell, Charles S.....	171	82	15
294,611 Latta, Emmitt G. and Adrian C.....	583	292	48	450,586 Leddell, Charles S.....	151	70	14
301,245 Latta, Emmitt G.....	999	366	81	98,603 Lee, Benjamin F.....	821	439	88
312,277 Latta, Emmitt G.....	586	292	49	487,419 Lee, Henry N.....	173	105	100
315,304 Latta, Emmitt G.....	718	242	60	452,307 Lee, William.....	972	360	92
321,508 Latta, Emmitt G.....	587	293	49	447,835 Leechman, George D.....	33	17	4
322,113 Latta, Emmitt G. and Adrian C.....	695	267	57	420,578 Leeper, James L.....	483	347	39
322,733 Latta, Emmitt G.....	587	293	49	420,579 Leeper, James L.....	740	261	61
323,162 Latta, Emmitt G.....	685	281	50	422,349 Leggett, William.....	1023	378	83
323,695 Latta, Emmitt G.....	133	62	12	480,595 Lehmann, Karl.....	119	68	103
324,264 Latta, Emmitt G.....	588	293	49	310,862 Leigh, James, and McDowell, Robert W.....	1000	366	81
324,568 Latta, Emmitt G.....	588	294	49	Heininger, Augustus, and Shreiner, Edward M.....	192	118	111
325,420 Latta, Emmitt G. and Adrian C.....	656	227	54	490,319 }			
325,944 Latta, Emmitt G.....	1004	368	81	497,028 }			
326,752 Latta, Emmitt G.....	606	267	58	Leininger, Augustus, and Shreiner, Edward M.....	352	155	116
327,399 Latta, Emmitt G.....	134	62	12	307,133 Leli, Charles, and Millward, Thomas.....	716	241	60
328,235 Latta, Emmitt G.....	290	104	13	438,684 L'Eplattenier, Charles.....	80	38	8
328,693 Latta, Emmitt G.....	135	63	13	455,220 Lessells, Allan H.....	39	19	4
332,092 Latta, Emmitt G.....	658	227	54	330,010 Levassieur, Eugene.....	846	450	90
337,271 Latta, Emmitt G.....	655	228	54	495,942 Levin, Amesach.....	237	147	15
339,436 Latta, Emmitt G. and Adrian C.....	137	64	13	417,428 Levin, Leonhard.....	386	151	32
341,811 Latta, Emmitt G.....	1006	369	81	421,277 Levison, Michael M., and Horton, James M.....	708	275	59
343,059 Latta, Emmitt G.....	1007	369	81	421,936 Levison, Michael M., and Horton, James M.....	709	275	59
346,292 Latta, Emmitt G.....	1008	370	81	495,254 Levy, Simon C.....	230	144	114
347,357 Latta, Emmitt G.....	1009	370	81	264,674 Lewis, Andrew.....	408	192	33
360,101 Latta, Emmitt G.....	1	1	1	96,124 Lewis, Edward A.....	635	177	52
376,322 Latta, Emmitt G.....	470	340	38	242,784 Lewis, Edward A.....	160	75	14
376,662 Latta, Emmitt G.....	470	340	38	422,086 Lewis, Hiram E.....	680	225	56
376,892 Latta, Emmitt G.....	470	341	38	286,835 Lewis, Joseph.....	693	266	57
377,204 Latta, Emmitt G.....	69	32	7	485,285 Lewis, Walter.....	155	93	107
377,566 Latta, Emmitt G.....	247	165	21	471,845 Lewis, William T.....	40	23	90
377,900 Latta, Emmitt G.....	1013	373	82	478,194 Lewis, William T.....	101	101	101
378,253 Latta, Emmitt G.....	2	1	1	486,935 Lewis, William T.....	170	103	108
378,693 Latta, Emmitt G.....	371	144	31	352,098 Lhoest, Emile and Jules.....	415	194	34
379,017 Latta, Emmitt G.....	372	144	31	130,393 Libby, Asa S.....	824	440	88
380,495 Latta, Emmitt G.....	248	166	21	133,044 Libby, Asa S.....	825	440	88
382,855 Latta, Emmitt G.....	1014	373	82	133,785 Libby, Asa S.....	826	441	88
387,079 Latta, Emmitt G.....	4	2	1	88,492 Libbey, Hosea W.....	181	98	16
391,253 Latta, Emmitt G.....	705	273	59	339,793 Libbey, Hosea W.....	790	313	66
391,900 Latta, Emmitt G.....	706	273	59	351,872 Libbey, Hosea W.....	358	139	30
392,349 Latta, Emmitt G.....	252	168	22	413,858 Libbey, Hosea W.....	940	426	76
396,164 Latta, Emmitt G.....	1016	374	82	490,391 Libbey, Hosea W.....	192	119	111
438,551 Latta, Emmitt G.....	95	49	9	492,907 Libbey, Hosea W.....	213	133	113
440,897 Latta, Emmitt G.....	97	47	9	294,045 Lillibridge, Freeman.....	455	332	37
443,663 Latta, Emmitt G.....	27	13	3	337,171 Lillibridge, Freeman.....	464	337	38
444,637 Latta, Emmitt G.....	29	14	3	105,701 Liming, John.....	505	211	41
447,434 Latta, Emmitt G.....	32	16	3	474,453 Linder, Otto.....	63	36	98
448,442 Latta, Emmitt G.....	99	48	10	464,508 Lindner, William.....	496	356	41
452,577 Latta, Emmitt G.....	712	277	59	88,574 Lindon, William.....	181	98	16
455,882 Latta, Emmitt G.....	493	354	40	351,873 Linley, Charles M., and Biggs, John.....	358	139	30
457,494 Latta, Emmitt G.....	960	434	85	354,042 Linley, Charles M., and Biggs, John.....	360	140	30
457,494 Latta, Emmitt G.....	1039	389	79	462,230 Linnell, Philetus E.....	142	66	13
461,191 Latta, Emmitt G.....	43	22	5	270,320 Linsley, Edward R.....	558	255	47
464,653 Latta, Emmitt G.....	496	357	41	271,720 Linsley, Edward R.....	559	256	47
467,725 Latta, Emmitt G.....	11	7	0	476,884 Lisle, Edward.....	83	45	100
471,798 Latta, Emmitt G.....	39	26	0	273,740 Little, James R.....	881	401	70
472,732 Latta, Emmitt G.....	111	63	103	273,746 Little, James R.....	571	304	48
479,046 Latta, Emmitt G.....	115	66	103	10,842 (R.) } Little, James R.....	571	305	48
86,235 Laubach, William H.....	50	26	5	273,746 }			
92,076 Lauer, John.....	58	29	6	10,843 (R.) } Little, James R.....	572	305	48
332,263 Laughlin, Julian.....	607	268	58	273,746 }			
89,543 Laurence, H. Clay.....	283	111	24	334,249 Little, James R.....	906	411	73
92,460 Laurence, Henry.....	58	28	6	334,252 Little, James R.....	907	411	73
178,066 Laurence, Walcott R.....	187	99	16	334,253 Little, James R.....	573	305	48
422,232 Lavender, Charles F.....	595	298	49	334,254 Little, James R.....	574	306	48
494,786 Lavender, Chas. F., and Fane, Thos.....	151	90	106	337,172 Little, James R.....	574	306	48
490,827 Lavigne, Joseph P.....	105	122	111	361,637 Little, James R.....	575	306	48
490,829 Lavigne, Joseph P.....	105	122	111	361,637 Little, James R.....	576	306	48
490,830 Lavigne, Joseph P.....	106	123	111	338,988 Little, James R.....	916	416	74
454,279 Lawrence, John.....	972	364	6	386,326 Little, James R.....	928	420	75
90,563 Lawson, Benjamin S.....	56	28	6	406,747 Little, James R.....	579	308	48
345,851 Lawson, Henry J.....	68	32	7	409,475 Little, James R.....	940	425	76
491,057 Lawson, Margaret H.....	199	125	111				

	P.	C.	A.		P.	C.	A.
475,582 Little, James R.....	72	39	99	20,652 McConaughy, Thomas and McCol'um, Jas.....	856	393	67
446,387 Little, Joseph A.....	489	351	40	474,096 McCormick, Thomas.....	59	34	98
452,797 Little, Joseph A.....	490	352	40	397,015 McCoy, Joseph.....	425	189	34
259,562 Livingston, Henry S.....	750	322	62	314,701 McCoy, William D.....	460	335	37
472,411 Livingston, Murray V., and Toney, George W.....	44	25	97	476,479 McCoy, William D.....	86	43	100
295,257 Lloyd, Walter J.....	331	129	28	87,275 McCully, Robert.....	503	210	41
346,208 Lloyd, Walter J., and Priest, William.....	354	137	30	334,393 McCune, Joseph B.....	1005	369	81
353,793 Lloyd, Walter J., and Priest, William.....	724	245	60	302,763 McCune, Joseph B.....	698	269	58
421,946 Lloyd, Walter J., and Priest, William.....	732	250	61	366,287 McCune, Joseph B., and Yost, Joseph L.....	661	229	54
421,940 Lloyd, Walter J., and Priest, William.....	19	9	2	366,288 McCune, Joseph B., and Yost, Joseph L.....	726	246	60
448,969 Lloyd, Walter J., and Priest, William.....	34	18	4	307,883 McCune, Joseph B., and Yost, Joseph L.....	661	230	54
450,888 Lloyd, Walter J., and Priest, William.....	34	18	4	424,994 McCune, Joseph B., and Yost, Joseph L.....	137	8	2
420,059 Lobben, Walter and Hanson, Olaus.....	14	7	2	456,771 McCune, Joseph B.....	107	388	85
194,607 Logan, John F.....	967	358	92	444,432 McCurdy, John R.....	244	152	115
474,138 Long, David F.....	59	34	98	McDonald, George R., and Graham, Wm. H.....	956	432	78
476,253 Long, Eugene and Curtis, Wallace B.....	79	43	100	498,136 McDonald, Hugh.....	260	160	117
281,091 Long, George A.....	621	172	51	253,481 McDonnell, Patrick E.....	749	322	62
320,076 Long, George S.....	1003	368	81	477,140 McDougall, Archie.....	86	48	100
337,774 Long, George S.....	1005	369	81	484,681 McDougall, Isaac S., and Smith, Geo. H., and Hartley, Richard K.....	150	89	106
245,843 Long, Michael.....	876	399	69	89,783 McDougall, S. T.....	283	111	24
36,160 Longgett, Alexis.....	178	97	16	386,332 McDowell, Malcolm.....	929	420	75
94,325 Look, Obad.....	861	395	68	310,862 McDowell, Robert W. H., and Leigh, James.....	1000	366	81
358,618 Loomis, William H.....	971	360	92	375,176 McEntee, Arthur E.....	370	143	31
328,415 Loose, John.....	542	203	45	421,748 McErlain, John J.....	91	44	9
298,217 Lorenz, William A.....	161	75	14	286,623 McGaffey, Ives W.....	559	256	47
303,228 Lorenz, William A.....	1000	366	81	320,428 McGann, Owen J.....	303	119	26
246,682 Lorenz, Ratti.....	193	101	17	140,290 McGilvray, Lewis T.....	595	211	41
325,548 Lose John O.....	640	179	52	408,545 McGlinchey, Charles E.....	731	249	61
303,530 Loser, Charles.....	127	59	12	412,532 McGlinchey, Charles E.....	711	276	59
422,087 Loser, Charles H.....	442	186	36	445,125 McGlinchey, Charles E.....	82	40	8
96,128 Lowden, George.....	209	113	24	455,474 McGlinchey, Charles E.....	493	354	40
233,682 Lowden, George.....	305	119	26	460,279 McGlinchey, Charles E.....	495	356	41
247,078 Lowden, George.....	410	192	33	465,599 McGlinchey, Charles E.....	48	25	5
60,096 Lowe, R. E.....	183	98	16	468,998 McGlinchey, Charles E.....	23	13	95
258,447 Lowrey, John M.....	194	102	17	420,663 McGovern, Bernard.....	1022	378	83
239,812 Lowth, James.....	306	119	26	189,318 McGowan, John.....	866	397	60
498,607 Lozier, Henry A.....	263	161	117	253,739 McGregor, Thomas.....	312	122	27
321,100 Luburg Manufacturing Company.....	261	261	117	499,587 McHardy, Francis P.....	194	120	111
291,477 Lucas, Andrew H.....	418	195	34	136,607 McIntire, Samuel.....	864	395	68
309,076 Ludeke, Eduard.....	435	184	35	470,915 McIntire, William C.....	34	19	96
369,017 Ludewigs, Otto.....	277	89	23	329,755 McIntosh, Peter E.....	201	104	18
170,866 Ludlow, Samuel W.....	869	397	69	31,143 Mackay, John S.....	993	357	91
490,815 Lueben, Charles M.....	259	160	117	435,977 McKee, Newton.....	504	258	47
456,779 Lueken, George B., Baker, Howard F., and Sheldon, John.....	1037	388	85	474,400 McKenna, Thomas E.....	62	35	98
91,550 Lund, John.....	633	176	52	241,395 McKenzie, James A.....	119	56	11
482,182 Lungren, Charles M.....	132	77	105	242,212 McKenzie, James A.....	307	120	26
493,554 Lungren, Charles M.....	218	135	113	36,161 Mackenzie, Philip W.....	498	208	41
305,698 Lunsford, Robert B.....	436	184	35	39,340 Mackenzie, Philip W.....	499	208	41
303,229 Luppen, Luppe.....	893	406	71	41,310 Mackenzie, Philip W.....	499	209	41
492,754 Luther, Chas. H., Jr., and Waterman, Stephen.....	212	132	112	3,310 (R.) } Mackenzie, Philip W.....	499	208	41
428,313 Luthman, Charles, and Messner, Alexan- der L. H.....	949	429	77	36,161 (R.) } Mackenzie, Philip W.....	500	209	41
95,701 Lutetke, Peter.....	402	190	33	41,310 (R.) } Mackie, Frank A.....	233	159	20
496,266 Lutz, Wm. E., and Kopp, Theodore.....	241	149	115	317,395 McKeran, William.....	267	85	23
466,893 Lybe, Daniel I., and Nickles, Wm. O.....	5	3	93	442,076 McLean, Robert.....	954	431	78
466,500 Lymburner, Ferdinand L.....	1	1	93	298,994 McMath, Mathias F.....	197	103	17
441,679 Lynam, Frank.....	777	301	65	439,935 McMahon, James.....	953	431	78
294,596 Lynch, Edward P.....	889	404	71	91,035 McMillan, James W.....	427	182	35
480,059 Lynch, Wm., and Tremper, Eugene.....	120	69	103	7,650 McMullen, Richard and Day, Horace H.....	808	435	86
418,982 Lyon, Fremont E.....	1021	377	83	351,118 McMurray, Albert K.....	319	65	13
329,402 Lyon, Wallace.....	136	63	13	308,442 McNab, John C., and Stilwell, Henry M.....	457	333	37
481,236 Macauley, Edwin W.....	124	72	104	352,141 Macphail, James.....	912	413	73
513,161 MacAuley, Thomas and Cheney, Merick L.....	814	437	87	366,332 Macphail, James and Needham, Franklin A.....	620	416	74
24,222 MacBurney, Charles.....	809	435	87	475,142 McPherson, Donald H.....	67	37	99
27,816 MacBurney, Charles.....	810	436	87	470,841 Madden, Dutton.....	33	19	96
12,069 MacBurney, Charles.....	824	444	88	480,000 Magennis, John.....	120	69	103
468,680 McCabe, Bartholomew.....	20	11	95	205,196 Mahedy, James.....	536	201	45
468,750 McCain, Joseph.....	20	11	95	491,366 Mahoney, William.....	203	128	112
280,054 McCall, Robert S., and Joseph W.....	66	31	7	456,025 Malfait, Frederic.....	305	155	32
465,140 McCammon, John.....	153	71	14	369,864 Mallette, George W.....	172	81	15
437,223 McCarthy, Oxley.....	390	153	32	304,960 Malmgren, John G., and Rodine, Charles A.....	414	194	34
466,020 McCash, James A.....	744	263	62	110,057 Malby, Henry A.....	293	114	25
88,889 McCleave, Frederick William.....	224	156	20	123,571 Malby, Henry A.....	293	114	25
359,800 McClintock, Jay.....	785	320	66	92,353 Manheim, Chas., and Perry, Edward L.....	819	438	87
331,518 McClure, Alex. W.....	67	31	7	4,148 (R.) } Manheim, Charles and Perry, Ed- ward L.....	820	438	87
342,269 McClure, Alex. W.....	68	31	7	468,671 Mann, Henry F.....	18	10	94
144,551 McClure, James F.....	186	99	16	468,672 Mann, Henry F.....	19	10	94
157,210 McClure, James F.....	605	315	50	468,673 Mann, Henry F.....	19	10	94
485,110 McClymonds, Louis K.....	153	91	106				
20,652 McCollum, James and McConaughy, Thos.....	856	393	67				
259,411 McCombs, Paul.....	555	254	46				
489,975 McComish, John J.....	188	116	110				

	P.	C.	R.		P.	C.	R.
468,674 Mann, Henry F.....	19	11	94	351,972 Meneely, Charles D., and Gibbons, John.....	274	87	23
175,476 Manning, Robert S.....	786	312	66	353,935 Meneely, Charles D., and Gibbons, John.....	275	88	23
494,584 Manton, Joseph P.....	225	141	114	201,205 Menuez, Vincent A.....	536	201	45
446,098 Manuel, Alfred, and Hibbert, Wm. E.....	30	15	3	354,337 Mercer, Alfonso.....	360	140	30
171,623 Marble, George W.....	295	115	25	460,784 Mercer, William R.....	496	356	41
9,707 (R.) } Marble, George W.....	296	115	25	491,578 Mercer, William R.....	207	129	112
171,623 } Marble, George W.....	296	115	25	194,363 Merrens, Henry J.....	835	445	89
185,401 Marble, George W.....	64	30	6	458,182 Merrifield, Stephen.....	661	434	79
304,534 Marble, George W.....	456	332	37	337,183 Merrill, Anson P.....	770	310	64
316,047 Marble, George W.....	130	61	12	355,700 Merrill, Anson P.....	914	414	74
383,499 Marble, George W.....	164	77	15	458,974 Merrill, Anson P.....	748	265	62
383,401 Marble, William S.....	545	205	45	492,410 Merrill, Anson P.....	211	131	112
468,572 Marquardt, Frederick.....	17	10	94	249,853 Merrill, Nelson.....	311	121	26
86,787 Marden, Jesse, Jr., and Thompson, Abraham D.....	279	110	23	291,376 Merrill, Nelson.....	329	128	28
346,667 Maret, John C.....	240	162	21	351,880 Merrill, Nelson.....	687	282	57
16,295 Maris, Jared.....	978	978	92	399,190 Merritt, Henry W., and Foster, William C.....	29	17	95
16,296 Maris, Jared.....	979	979	92	352,832 Messner, Alexander L. H.....	912	413	73
16,430 Maris, Jared.....	979	979	92	428,313 Messner, Alexander L. H., and Luthman, Charles H.....	949	429	77
16,431 Maris, Jared.....	980	980	92	469,026 Messner, Alexander L. H.....	23	13	95
16,432 Maris, Jared.....	980	980	93	89,293 Metten, George R., and Cowles, Edwin.....	55	27	6
16,467 Maris, Jared.....	981	981	93	478,064 Metz, Charles H.....	95	53	101
16,468 Maris, Jared.....	981	981	93	89,679 Metzgar, Hiram T.....	283	111	24
413,949 Mark Charlie E.....	941	426	76	109,644 Mey, F. H. C.....	791	321	66
294,668 Marks, Frank R., and Poolman, James.....	889	404	71	68,641 Meyer, Charles F. W.....	816	438	87
333,531 Marlin, John M.....	720	243	60	495,082 Michelin, Edouard.....	239	148	115
348,680 Marlin, John M.....	723	244	61	497,453 Michelin, Edouard.....	255	156	116
369,540 Marlin, John M.....	368	143	31	386,304 Midgley, Thomas, and Emerson, James E.....	850	452	91
369,541 Marlin, John M.....	700	270	58	386,306 Midgley, Thomas, and Emerson, James E.....	850	452	91
388,427 Marlin, John M.....	146	68	14	386,307 Midgley, Thomas, and Emerson, James E.....	850	452	91
400,098 Marlin, John M.....	1020	376	83	398,423 Midgley, Thomas.....	850	452	91
384,990 Marlin, Mahlon H.....	87	42	9	398,424 Midgley, Thomas.....	851	453	91
154,500 Marqua, Philip J.....	295	115	25	398,425 Midgley, Thomas.....	851	453	91
491,429 Marriott, Thomas R., Cooper, Frederick, and Keen, John.....	203	128	112	398,426 Midgley, Thomas.....	851	453	91
413,760 Marsh, Walter F.....	940	425	76	398,428 Midgley, Thomas.....	851	453	91
210,701 Marshall, Justice W.....	871	398	69	398,430 Midgley, Thomas.....	852	453	91
315,805 Marshall, Justice W.....	900	408	72	398,431 Midgley, Thomas.....	852	453	91
478,878 Marshall, Thomas B.....	105	60	102	291,069 Mikkelsen, Niels.....	411	193	34
487,577 Marthens, Allen.....	174	105	109	438,273 Miller, Austin E.....	616	319	51
124,500 Martin, David.....	430	182	36	471,770 Miller, Austin E.....	39	22	96
440,954 Martin, Frank.....	213	109	19	86,682 Miller, Charles H., and Ellis, George.....	51	26	5
458,736 Martin, John.....	961	434	79	90,220 Miller, Charles H., and Baldwin, Orville O.....	55	28	6
116,205 Martin, Michael.....	430	182	35	460,179 Miller, Frank.....	43	21	4
340,340 Martin, Samuel.....	220	96	19	460,180 Miller, Frank.....	43	21	5
339,440 Martin, Stephen.....	677	224	56	475,510 Miller, Frederic S.....	71	39	99
470,249 Martinez, Richard P.....	32	18	66	289,017 Miller, George W.....	560	256	47
486,230 Martinez, Richard P.....	165	100	108	473,586 Miller, George W.....	51	29	97
475,785 Mason, Frank H.....	74	40	99	477,799 Millet, Charles W.....	93	52	101
469,774 Masse, Jacques, Bodel, Louis G., and Webster, William.....	215	93	19	255,465 Miller, Julius V., and Shepherd, John.....	968	359	92
161,356 Matera, William J.....	45	22	5	312,147 Miller, Thomas A.....	877	400	70
452,046 Mather, Alex. C.....	958	433	78	307,133 Mills, Francis E.....	640	179	52
452,047 Mather, Alex. C.....	958	433	78	9,708 Minniss, T. S., (See Errata).....	178	97	16
463,710 Mathews, James H.....	47	24	5	435,665 Minnix, William H.....	420	190	34
323,052 Matesson, Jefferson W.....	235	159	20	476,670 Mitchell, Claudius H., and Veitch, Richard M.....	80	44	100
475,130 Mattison, James D.....	66	37	99	443,292 Mitchell, Joseph.....	213	109	19
479,825 Mattison, James D.....	113	65	103	294,655 Mitchell, Oliver M.....	456	332	37
487,750 Matzen, Herman.....	264	162	117	296,703 Mitchell, Oliver M.....	655	226	53
364,426 Mauroino, Henry Q.....	919	416	74	190,353 Mitchell, William S.....	297	116	25
481,681 Maxfield, Morgan E., and Wellstein, Joseph.....	128	74	104	271,899 Mitchell, William S.....	528	219	44
260,491 May, Leopold.....	878	400	70	470,070 Moffat, Geo. D., and Huss, Rudolph W.....	31	18	95
27,553 Mayall, Thomas J.....	810	436	87	442,779 Mogk, Victor F.....	1028	382	84
31,552 Mayall, Thomas J.....	811	436	87	200,326 Mohler, Charles F. and James B.....	870	397	69
31,614 Mayall, Thomas J.....	811	436	87	354,049 Mohr, Luis F.....	416	194	34
39,237 Mayall, Thomas J.....	812	436	87	434,664 Mohr, Edwin.....	10	6	2
39,238 Mayall, Thomas J.....	812	436	87	434,665 Molin, Charles G.....	149	70	14
88,887 Mayall, Thomas J.....	810	438	87	22,711 Monarch Cycle Company.....	223	223	114
125,594 Mayall, Thomas J.....	823	440	88	361,310 Monnin, Alpheus C., and Filliez, Peter.....	726	246	60
125,595 Mayall, Thomas J.....	824	440	88	376,241 Monnin, Alpheus C., and Filliez, Peter.....	159	75	14
494,641 Maybach, Wilhelm.....	226	141	114	86,856 Monroe, Joshua.....	224	156	20
410,591 Mayfield, Reuben N.....	563	257	47	438,935 Montgomery, James W.....	176	84	16
97,421 Maynard, Charles A.....	291	113	25	473,196 Moody, David J.....	48	27	97
24,132 Mayo, W. S.....	809	435	87	293,347 Moore, Baldwin S.....	330	128	28
359,222 Meacom, George.....	848	451	90	420,756 Moore, Charles J., and Yost, Joseph L.....	15	8	2
197,155 Mead, Ira W.....	870	397	69	448,409 Moore, Charles J., and Yost, Joseph L.....	490	351	40
410,645 Mead, Samuel C.....	940	425	76	475,404 Moore, Charles J.....	71	39	99
457,654 Meader, George.....	494	354	40	496,664 Moore, Chas. J., and Burwell, Geo. A.....	246	153	116
470,878 Meade, Ezra W.....	34	19	6	496,665 Moore, Chas. J., and Burwell, Geo. A.....	246	153	116
466,613 Meigs Geo. W., and Ziegler, John G.....	3	2	93	75,953 Moore, H. C.....	531	199	44
474,327 Meigs Geo. W., and Ziegler, John G.....	61	35	98	92,338 Moore, Stephen.....	904	357	91
498,479 Meisch, Michael F.....	263	161	117	476,157 Moore, Thomas C., and Crull, Solomon F.....	77	42	99
422,086 Melin, Gustaf A.....	646	216	53				
453,151 Mendenhall, Amos.....	602	224	50				

	P.	C.	R.		P.	C.	R.
448,358 Moore, Thomas L.....	111	53	10	136,750 Nevess, William.....	534	200	44
365,015 Moore, Thomas W.....	361	143	31	74,379 Nevison, Thomas Jr., and James.....	859	394	68
403,050 Moore, Thomas W.....	72	34	7	459,826 Newhouse, Frederick.....	288	152	3
447,341 Moore, Van Zandt M.....	672	236	55	425,240 Newhouse, Frederick.....	946	428	77
42,078 Moores, William C.....	426	181	35	456,590 Newhouse, Frederick.....	394	155	32
235,551 Moran, Thomas W.....	681	279	56	462,086 Newhouse, Frederick.....	396	155	32
235,552 Moran, Thomas W.....	996	364	80	407,015 Newkirk, Isaac R.....	6	4	93
245,542 Moran, Thomas W.....	602	265	57	224,215 Newlin, William.....	567	304	48
490,035 Morgan, Fred W., and Wright, Rufus.....	188	116	110	234,196 Newlin, William.....	873	398	69
406,321 Morgan, Fred W., and Wright, Rufus.....	241	149	115	283,271 Newlin, William.....	885	403	70
496,789 Morgan, Fred W., and Wright, Rufus.....	247	154	116	73,029 Newman, Martin.....	531	199	44
335,297 Morgan, John F.....	738	260	61	241,698 Newsam, Geo. A., and Hayes, John.....	520	220	43
473,426 Morgan, Joseph U.....	49	28	97	231,347 Newton, Richard.....	304	119	26
337,975 Morgan, Schuyler W.....	613	317	51	309,202 Nice, John E.....	920	417	74
86,573 Morrell, James A.....	180	97	16	284,050 Nichols, Mark M.....	840	447	89
238,245 Morris, Freeman.....	773	299	65	391,483 Nichols, Herman, and Rose, Henry C.....	764	287	64
19,157 Morris, George L., and Wilson, William T.....	798	798	67	382,658 Nickerson, Fred A.....	1014	373	82
460,242 Morris, George L., and Wilson, William T.....	43	21	5	466,893 Nickles, Wm. O., and Lybe, Daniel L.....	5	3	93
496,527 Morris, James R.....	244	151	115	329,938 Nicolet, Albert.....	970	360	92
496,528 Morris, James R.....	244	152	115	90,774 Nielsen, Alfred.....	259	90	22
496,165 Morris, Jesse T., Jr.....	23	13	95	401,995 Nipp, John.....	937	424	76
260,587 Morris, Alex. B.....	317	124	27	102,423 Nislosdoff, Sias.....	184	99	16
455,350 Morrow, Albert P.....	157	94	107	423,500 Nodder, Samuel, and Petford, Wm. H.....	484	347	39
347,054 Morse, Frederick H.....	697	268	58	100,316 Nolan, John H.....	504	210	41
456,833 Morse, Preston C.....	735	251	61	193,098 Nolan, John H.....	597	211	42
92,991 Morse, Thomas N.....	59	29	6	498,494 Noonan, Edward T., and Schmill, Joseph V.....	263	161	117
415,117 Morsman, John A., and Highby, Edward H.....	941	426	77	305,061 Norman, Cornelius A., and Ellis, Robert.....	198	103	17
425,898 Morsman, John A., and Highby, Edward H.....	947	428	77	496,949 Normanton, Alfred and Herbert.....	251	155	116
480,026 Morton, Augustus.....	116	66	103	393,337 Norton, Malcolm A.....	665	232	55
255,004 Morton, John J.....	750	322	62	401,295 Norton, Malcolm A.....	9	5	1
418,923 Morton, George.....	740	260	61	152,160 Nottle, William.....	886	493	70
462,013 Moseley, Joseph, and Blundstone, Benj.....	1042	391	86	152,160 Nowark, Morez.....	294	114	25
475,732 Moseley, Joseph, and Blundstone, Benj.....	73	40	99	459,016 Noyes, LaVerne, W.....	85	48	81
258,589 Mosher, George A.....	555	254	46	321,910 Nye, William E.....	131	61	12
456,631 Mosher, Samuel E.....	41	20	36	287,566 O'Brien, Thomas.....	424	189	34
456,632 Mosher, Samuel E.....	445	188	36	347,503 O'Brien, Thomas.....	240	162	21
477,772 Mosher, Samuel E.....	93	52	101	372,428 O'Brien, Thomas.....	103	50	10
472,796 Moskowitz, Jacob D.....	17	97	97	372,429 O'Brien, Thomas.....	246	165	21
88,894 Mott, Thomas H.....	267	85	23	386,601 O'Brien, Thomas.....	103	50	10
454,583 Moynahan, Frederick H. S.....	84	41	8	388,966 O'Brien, Thomas.....	5	2	1
96,466 Muehle, Bernard H.....	51	29	6	388,967 O'Brien, Thomas.....	101	374	82
484,941 Müller, Joseph J.....	152	90	106	394,287 O'Brien, Thomas.....	378	148	31
371,513 Müller, Valentine H.....	102	50	10	399,774 O'Brien, Thomas.....	105	51	10
193,988 Mulliner, Francis.....	995	364	80	413,414 O'Brien, Thomas.....	13	7	2
381,504 Mullins, Richard.....	207	106	18	413,415 O'Brien, Thomas.....	89	43	9
478,805 Munson, Corydon W.....	105	59	192	471,621 O'Brien, Thomas.....	37	21	96
102,853 Munson, Ira F.....	862	395	68	471,651 O'Brien, Thomas.....	37	21	96
219,500 Munson, Ira F.....	872	398	69	468,823 O'Connor, Edward J.....	21	12	95
420,927 Munz, Theodore C., and Burgess, William D.....	944	427	77	392,756 O'Day, John, and Rice, Henry M.....	932	422	75
482,806 Munz, Theodore C.....	135	79	105	481,118 O'Donnell, Michael J.....	123	71	104
493,703 Mundock, Horace B.....	730	252	61	496,093 Okey, Joseph B.....	240	148	115
249,251 Murphy, Jeremiah.....	554	254	46	245,012 Oldreive, Charles W.....	192	101	17
159,345 Murphy, John.....	830	443	88	97,683 Olivier, Rene.....	61	29	6
186,492 Murphy, John.....	834	447	89	415,787 Oliver, Thomas P.....	942	426	77
296,436 Murphy, John.....	841	440	90	394,718 Olsen, Gunder.....	933	422	76
260,114 Murray, Joseph S.....	682	279	56	454,227 Olsen, Th re J.....	529	219	44
360,510 Murray, Joseph S.....	586	292	49	89,235 O'Neill, Arthur.....	282	111	24
545,452 Murray, William.....	671	235	55	444,639 O'Neill, William R.....	812	40	8
324,052 Mustard, James E.....	904	410	72	492,735 Opdal, John.....	212	132	112
270,401 Myer, Frank X., Jr.....	907	395	80	482,271 Openshaw, George, and Carr, Charles A.....	133	77	105
87,355 Myers, Frederick.....	632	176	52	301,262 Orcutt, William D.....	892	406	71
456,705 Myers, Henry.....	1037	387	85	259,853 O'Rear, James W., and Hull, Welcome H.....	114	54	11
459,015 Myers, Henry.....	1040	389	86	391,333 Osborne, William T., and Johnson, John.....	378	148	31
468,971 Myers, Henry.....	22	13	95	446,810 Ostergren, Otto F., and Schnap, Alex. K.....	788	313	66
477,773 Myers, Henry.....	93	53	101	492,047 Otis, John D., and Harper, James M.....	208	130	112
477,774 Myers, Henry.....	94	53	101	87,285 Ott, Joseph J.....	632	176	52
486,884 Myers, Luther.....	170	102	108	212,492 Otto, Edouard C. F.....	270	86	23
452,073 Nagel, Jacob, and Huelsen, Felix J.....	37	18	4	243,059 Otto, Edouard C. F.....	270	86	23
455,945 Nagel, Jacob, and Huelsen, Felix J.....	40	20	4	246,031 Otto, Edouard C. F.....	636	177	52
477,659 Nagel, Jacob, and Huelsen, Felix J.....	92	52	101	250,960 Otto, Edouard C. F.....	271	86	23
499,244 Neal, Sarah L., and Jones, Mary S.....	272	165	118	252,504 Otto, Edouard C. F.....	227	157	20
68,092 Neale, Robert.....	183	98	16	309,355 Otto, Edward C. F.....	897	408	72
366,332 Needham, Franklin M., and Macphail, James.....	920	416	74	10,760 (R.)) Otto, Edward C. F.....	898	408	72
234,799 Neely, Thaddeus A.....	968	359	92	352,885 Otto, Edward C. F.....	275	88	23
239,976 Neff, Joseph B.....	874	398	69	358,201 Otto, Edward C. F.....	1011	371	82
293,498 Neff, Joseph B.....	888	404	71	257,375 Overman, Albert H.....	315	123	27
428,176 Nelson, Robert L.....	948	429	77	257,512 Overman, Albert H.....	316	123	27
499,245 Nesbitt, John B.....	272	165	118	270,691 Overman, Albert H., and Hadley, Chas. F.....	318	124	27
257,602 Nesinger, Lawrence.....	969	359	92	282,358 Overman, Albert H., and Hadley, Chas. F.....	321	126	27
410,179 Neuhauser, Otto.....	74	34	7				

	P.	C.	R.		P.	C.	R.
283,413 Overman, Albert H., and Hadley, Chas. F.....	998	365	80	164,028 Peake, James B.....	966	368	92
292,908 Overman, Albert H., and Hadley, Chas. F.....	683	280	56	421,013 Pearce, George R.....	945	468	77
313,018 Overman, Albert H., and Hadley, Chas. F.....	342	132	29	368,607 Pearne, Benjamin M.....	295	105	18
315,537 Overman, Albert H.....	1002	367	81	492,988 Pease, Charles F.....	213	133	113
329,850 Overman, Albert H.....	462	336	37	492,989 Pease, Charles F.....	214	134	113
329,851 Overman, Albert H.....	686	281	57	97,110 Pease, Joseph I.....	291	113	25
331,001 Overman, Albert H.....	463	336	37	242,033 Peck, Aaron D.....	874	399	69
343,841 Overman, Albert H.....	465	337	38	437,820 Peck, Frank E.....	734	259	61
381,274 Overman, Albert H.....	728	247	60	457,242 Peck, Frank E., and Barr, Henry G.....	112	53	10
385,370 Overman, Albert H., and Hadley, Chas. F.....	4	2	1	304,023 Peck, Mason S.....	272	87	23
388,068 Overman, Albert H.....	929	420	75	290,919 Peet, Benjamin F.....	454	332	37
392,821 Overman, Albert H.....	474	343	39	479,656 Peet, Benjamin F.....	112	63	103
398,533 Overman, Albert H.....	666	332	55	360,595 Peifer, George W., Jr., and Johnston, Robert.....	171	81	15
406,461 Overman, Albert H.....	731	249	61	265,056 Pelton, Charles H., and Gable, Wm.....	638	178	52
406,462 Overman, Albert H.....	651	197	53	50,078 Percival, Leven C.....	500	209	41
436,993 Overman, Albert H.....	1025	379	84	471,075 Perkins, Albert, and Curtis, Albert B.....	34	19	96
437,447 Overman, Albert H.....	1025	380	84	474,759 Perkins, Albert.....	64	36	98
438,383 Overman, Albert H.....	1026	380	84	494,885 Perkins, Albert.....	227	143	114
442,387 Overman, Albert H.....	660	335	55	486,294 Perkins, George A.....	165	100	108
446,189 Overman, Albert H.....	1029	382	84	284,475 Perkins, Lyman C.....	160	75	4
446,692 Overman, Albert H.....	1030	382	84	309,086 Perkins, Lyman C.....	161	76	15
450,816 Overman, Albert H.....	1032	384	85	7,929 Perkins, Nahum S. C.....	793	793	67
463,390 Overman, Albert H.....	675	230	56	223,241 Perkins, Nahum S. C.....	300	117	26
480,210 Overman, Albert H.....	117	67	103	231,609 Perkins, Nahum S. C.....	304	119	26
428,991 Overman, Charles K., and Woodward, Charles E. W.....	110	52	10	325,408 Perkins, Richard B., and Heilman, Russell P.....	512	214	42
476,297 Overs, Curtis E.....	79	43	100	496,132 Perkins, Robert.....	240	49	115
225,760 Overstreet, William.....	190	100	17	124,621 Perreux, Louis G.....	619	171	51
323,066 Owen, Frederick D.....	372	62	12	390,807 Perret, Richard A.....	594	207	49
365,091 Owen, Frederick D.....	1012	382	82	93,159 Perry, Charles M., and Aspinwall, John A.....	551	252	46
478,206 Owen, Frederick D.....	99	56	101	(R.) } Perry, Charles M., and Aspinwall, John A.....	551	552	46
330,346 Owen, Herbert S.....	165	78	15	66,518 Perry, Edward L., and Torrey, Wm. A.....	551	552	46
392,523 Owen, Herbert S.....	88	43	9	85,395 Perry, Edward L.....	815	438	87
398,745 Owen, Herbert S.....	88	43	9	92,353 Perry, Edward L., and Manheim, Charles.....	819	438	87
415,072 Owen, Herbert S., and Starley, William.....	108	52	10	4,148 (R.) } Perry, Edward L., and Manheim, Charles.....	820	438	87
481,053 Owen, Herbert S.....	122	70	104	92,353 } Charles.....	820	438	87
497,995 Owen, Herbert S.....	258	158	117	219,590 Perry, Edward L.....	837	445	89
497,996 Owen, Herbert S.....	258	159	117	289,854 Perry, Edward L.....	841	447	90
466,083 Owsley, Harry B.....	5	3	93	309,087 Perry, Edward L.....	844	449	90
498,688 Oyler, John T.....	264	162	117	475,020 Perry, George R., and William H., and George, Curtis K.....	66	37	98
300,392 Packer, John F.....	892	406	71	469,715 Perry, Richard D.....	29	17	95
323,441 Packer, John F.....	902	410	72	476,948 Perry, Richard D.....	83	46	100
369,874 Packer, John F.....	921	417	74	87,287 Perry, Stuart.....	604	314	50
303,513 Paddock, William, and Harvey, Charles.....	716	241	60	415,790 Perry, William F.....	630	174	51
288,540 Padmore, Casper P.....	453	331	37	500,293 Persil, Eugene J. L.....	281	172	119
80,206 Padrick, Oscar D.....	603	314	50	296,776 Pesenecker, Albert.....	436	184	35
311,084 Paessler, Theophilus H.....	341	132	29	457,619 Peter, Victor.....	516	208	42
320,677 Paessler, Theophilus H.....	234	150	20	342,972 Petersen, Thorvald N.....	352	136	29
320,678 Paessler, Theophilus H.....	136	63	13	423,800 Petford, William H., and Nodder Samuel.....	484	347	39
328,790 Paessler, Theophilus H.....	42	20	75	359,629 Petit, Albert C.....	730	260	61
496,616 Page, Calvin S.....	245	152	115	493,338 Pettirini, Edvard.....	120	135	113
392,749 Page, Thomas S.....	932	421	75	109,447 Pettibone, C. Vallette.....	991	362	80
392,749 Page, Thomas S.....	932	422	75	357,286 Pfautz, Daniel M.....	614	317	51
499,574 Pagett, Charles H.....	274	166	118	490,983 Pfautz, Daniel M.....	197	124	111
88,198 Paine, William L.....	53	27	6	317,847 Pfeiffer, Emil C.....	1002	367	81
359,809 Palmer, Charles A. E. T.....	916	415	74	495,511 Pfeiffer, George E.....	233	145	114
367,115 Palmer, Charles A. E. T.....	700	270	58	479,839 Pfleger, John.....	114	65	103
126,900 Palmer, George T.....	494	191	33	408,743 Phelps, Charles H.....	478	345	39
467,642 Palmer, John F.....	10	5	94	472,484 Phelps, Lucius J.....	44	25	97
476,679 Palmer, John F.....	81	44	100	472,485 Phelps, Lucius J.....	45	25	97
476,680 Palmer, John F.....	81	44	100	481,734 Phelps, Lucius J.....	129	74	104
476,681 Palmer, John F.....	81	44	100	482,487 Phelps, Lucius J.....	133	78	105
489,714 Palmer, John F.....	188	115	110	499,174 Phelps, Lucius J.....	271	165	118
360,470 Palmer, John H.....	593	296	49	362,351 Philbrick, Andrew J.....	683	280	56
233,691 Palmer, William.....	305	119	26	336,277 Philbrick, Andrew J., and Wood, John, Jr.....	646	282	57
442,388 Paoli, John.....	760	328	63	350,990 Philbrick, Andrew J.....	746	264	62
372,325 Parish, Thomas.....	768	289	64	327,468 Philfeldt, Olaf.....	589	294	49
436,800 Parke, Kate.....	771	310	64	482,649 Philion, Achille.....	134	78	105
341,816 Parker, George A.....	590	295	49	488,852 Philpison, Wm., and Swain, Walter.....	183	112	110
361,233 Parker, George A.....	593	297	49	391,915 Phillips, Ambrose A.....	931	421	75
245,050 Parker, Homer N., and Keed, William S.....	309	121	26	457,290 Phillips, Charles.....	41	20	4
469,592 Parkes, Walter.....	25	14	95	11,331 (R.) } Phillips, Charles.....	254	156	117
471,802 Parkinson, John.....	40	22	96	457,290 } Phillips, Cornelius J.....	971	360	92
89,060 Parry, George T.....	268	85	23	150,255 Phillips, Oscar E.....	965	358	91
202,665 Parsons, Henry F.....	298	116	25	20,824 Phillips, Walter.....	983	983	93
319,844 Partridge, Andrew.....	1003	368	81	350,080 Phillips, Walter.....	350	138	30
375,682 Partridge, Andrew.....	1013	372	82	408,516 Phillips, Walter, and Smith, Robert W.....	780	277	65
415,253 Pattison, Sidney.....	480	345	39	445,574 Phillips, Walter.....	671	235	55
418,789 Patton, John H.....	460	335	37				
316,649 Pausey, Herbert J., and Crowden, Chas. T.....	102	50	19				
342,925 Payne, John.....	465	337	38				

	P.	C.	R.		P.	C.	R.
416,493 Phillips, Walter, and Smith, Robert W.....	255	170	22	309,740 Racine, Henry.....	339	131	29
88,507 Pickering, Thomas R.....	53	27	6	72,538 Raddin, John.....	859	394	68
310,566 Pierce, Charles P.....	844	449	90	9,993 (R.) } Raddin, John.....	859	394	68
463,283 Pinkert, George.....	529	219	44	72,538			
90,869 Piper, J. F.....	259	90	22	91,379 Raffington, Matthew G., and Spofford,			
480,030 Plazey, William J.....	116	66	103	Fisher A.....	182	98	16
88,205 Plass, Neuben H.....	53	27	6	458,113 Rage, John C.....	495	355	40
152,681 Pöhle, Charles R. M.....	270	30	22	115,238 Raiford, Philip H.....	786	312	66
490,581 Polhamus, Isaac.....	274	166	118	126,741 Ramsay, George M.....	992	363	80
421,690 Pond, Samuel N.....	680	225	56	73,108 Ranceau, John.....	531	199	44
390,802 Pool, Francis W.....	379	148	31	270,480 Randall, Francis W.....	558	255	47
408,745 Pool, Francis W.....	384	150	31	270,481 Randall, Francis W.....	881	401	70
285,513 Post, John W., and Charles F.....	229	157	20	373,028 Randolph, Frank D.....	662	239	54
408,430 Potter, Jonas.....	442	186	36	95,265 Randolph, P. F.....	820	439	88
287,717 Potter, Samuel A.....	452	331	37	492,337 Randolph, William.....	210	131	112
306,280 Powell, Abram G.....	695	266	57	89,341 Rankin, James.....	282	111	24
452,649 Powell, Abram G.....	100	49	10	425,607 Rankin, William G.....	690	284	57
365,488 Powell, George M.....	244	104	21	452,840 Rassmussen, Einar, and Hall, Orlander C.	459	433	78
368,167 Powell, James C.....	205	105	18	460,031 Rastetter, Louis, and Siebold, Crist.....	113	54	11
131,234 Powers, Frank B.....	695	266	57	449,383 Rathburn, John O.....	674	238	55
298,500 Powers, Lyman A.....	880	405	71	90,687 Rathmann, Henry, and Johnson, Geo. H.....	114	54	11
308,794 Pratt, Charles E.....	1,000	366	81	433,962 Rauhut, Johan F.....	420	196	34
310,540 Pratt, Charles E., and Wallace, Albert E.....	716	241	60	482,100 Rawle, John.....	131	77	105
132,219 Pratt, Charles E.....	458	334	37	288,114 Ray, James H.....	327	127	28
318,500 Pratt, Charles E.....	656	226	54	247,686 Ray, John L.....	538	202	45
41,940 Pratt, E. L., and Thompson, John B.....	688	361	79	88,738 Read, J. B.....	54	27	6
3,535 Pratt, Samuel F.....	973	973	92	381,722 Read, Charles A.....	929	419	75
491,501 Pray, Joseph F.....	722	244	60	420,416 Readio, Arthur J. E.....	708	275	59
341,389 Prescott, Charles A.....	150	75	14	172,200 Reamer, Hiram J., Hurley, Madison M.,			
233,640 Pressey, George W.....	150	75	14	and Stockdale, Cornelius F.....	994	363	80
234,722 Pressey, George W.....	160	75	14	483,621 Reaney, David L.....	144	85	106
384,543 Price, Abel F.....	70	33	7	431,259 Redlinger, Michael.....	93	45	9
243,346 Price, John B.....	682	279	56	452,082 Redlinger, Michael.....	653	199	53
262,853 Pool, J. George.....	757	325	63	356,600 Redman, Edward.....	725	246	60
494,668 Poolman, James, and Marks, Frank R.....	880	404	71	385,136 Redman, Thomas.....	664	231	54
354,840 Pope, Harry M.....	592	296	49	306,177 Redmond, Edmond.....	738	250	61
365,702 Pope, Harry M.....	368	143	31	361,024 Reed, Charles M., and Frazee, William C.	615	318	51
373,850 Pope, Harry M.....	727	246	60	90,782 Reed, George P.....	214	93	19
375,714 Pope, Harry M.....	727	247	60	476,215 Reed, George T.....	77	42	99
379,907 Pope, Harry M.....	663	231	54	476,216 Reed, George T.....	77	42	100
381,165 Pope, Harry M.....	470	341	38	94,839 Reed, John A.....	861	395	68
13,386 Pope, John L.....	973	973	92	161,272 Reed, John Van D.....	831	443	89
13,387 Pope, John L.....	974	974	92	7,442 (R.) } Reed, John Van D.....	831	443	89
13,390 Pope, John L.....	974	974	92	161,272 Reed, John Van D.....	831	443	89
13,409 Pope, John L.....	975	975	92	161,273 Reed, John Van D.....	831	443	89
13,410 Pope, John L.....	975	975	92	44,425 Reed, Thomas L., and Hossie, David K.....	812	430	87
13,412 Pope, John L.....	976	976	92	51,052 Reed, Thomas L., and Hossie, David K.....	813	437	87
13,413 Pope, John L.....	976	976	92	54,909 Reed, Thomas L., and Hossie, David K.....	814	437	87
13,414 Pope, John L.....	977	977	92	64,362 Reed, Thomas L.....	815	437	87
13,432 Pope, John L.....	977	977	92	103,369 Reed, Thomas L.....	822	439	88
13,433 Pope, John L.....	978	978	92	124,914 Reed, Thomas L.....	823	440	88
486,681 Porter, William S.....	169	102	108	125,331 Reed, Thomas L.....	823	440	88
419,488 Post, Charles B., and Arnold, Daniel J. C.	943	427	77	184,907 Reed, Thomas L.....	834	444	89
442,456 Post, Charles B.....	954	432	78	426,855 Reed, Willard S.....	20	10	2
93,833 Purvis, Adam.....	532	200	44	245,656 Reed, William S., and Parker, Homer N.....	309	121	26
80,835 Price, Virgil.....	980	362	80	102,322 Reed, William, and Rhodes, Joel H.....	504	210	41
382,899 Pridmore, Henry E.....	927	419	75	481,821 Rees, Jonathan.....	129	75	104
346,208 Priest, Wm., and Lloyd, Walter J.....	354	137	30	334,469 Regnier, Theophile J.....	464	336	38
353,793 Priest, Wm., and Lloyd, Walter J.....	724	245	60	236,259 Reid, Joseph.....	118	56	11
421,946 Priest, Wm., and Lloyd, Walter J.....	732	250	61	354,584 Reiner, Isaiah H.....	913	414	74
426,191 Priest, Wm., and Lloyd, Walter J.....	19	0	2	87,245 Reinhart, John, and Christian, Andrew.....	427	182	35
448,966 Priest, Wm., and Lloyd, Walter J.....	34	18	4	87,290 Reinhart, John.....	503	210	41
490,888 Priest, Wm., and Lloyd, Walter J.....	36	18	4	95,515 Reinhart, John.....	226	157	20
249,895 Prindle, Frank L., and Campbell, Amer				171,862 Reinhold, Franz J.....	269	85	23
F.....	554	254	46	430,687 Reinhold, Herman A.....	949	430	78
360,392 Prindle, Frank P., and Koyl, C Herschel.....	767	259	64	102,189 Remington, De La Fayette.....	879	397	69
244,206 Prosser, Treat T.....	876	399	69	244,931 Rennyson, William.....	119	56	11
253,098 Prosser, Treat T.....	878	400	70	293,681 Rennyson, William.....	126	59	12
14,929 Puffer, A. D.....	808	435	86	379,812 Renouf, Phillip S. C. F., and Boothroyd,			
381,590 Puffer, Stephen.....	926	410	75	Isaac W.....	663	231	54
20,839 Pugh, Charles H.....	805	805	67	96,963 Repetti, Joseph.....	290	113	24
236,454 Pullen, Joseph.....	409	192	33	439,188 Reynolds, Charles J.....	953	431	78
23,781 Punderford, James.....	809	435	87	46,705 Reynolds, Harvey A.....	500	209	41
60,555 Punderford, James A. and James.....	815	437	87	8,252 (R.) } Reynolds, Harvey A.....	500	209	41
389,102 Purdy, William J.....	971	360	92	46,705			
101,310 Purroy, Frederick L.....	504	210	41	54,207 Reynolds, Harvey A.....	501	210	41
465,998 Pursell, Augustus.....	737	252	61	80,425 Reynolds, Harvey A.....	502	210	41
287,960 Quatremaire, George W.....	327	127	28	90,579 Reynolds, James.....	286	112	24
473,959 Quealy, John T.....	57	33	98	404,562 Reynolds, Stephen D.....	73	34	7
427,110 Quvedo, Narciso T.....	601	223	50	499,440 Rhind, Frank.....	273	106	118
267,589 Quin, Phineas.....	606	315	50	452,195 Rhoades, Hal V. and William H.....	37	18	4
47,220 Quinn, William.....	426	181	35	455,058 Rhoades, Leonard W.....	492	354	40
102,321 Quinn, William.....	292	114	25	76,814 Rhoades, Thomas.....	603	314	50
159,770 Quinn, William.....	295	115	25	102,322 Ribble, Geo. H., and Reed, William.....	504	210	41
90,302 Racey, William H.....	779	277	65	387,814 Ribble, Geo. B. M., and Spencer, Chas. C.....	546	205	49

	P.	C.	R.		P.	C.	R.
375,426 Ricard, Arthur P.	922	418	74	334,301 Rosebaugh, John C., and Stahl, Harlow			
423,390 Rice, Charles D.	18	2	2	C.	907	412	73
473,408 Rice, Charles D.	49	28	97	186,880 Ross, Abbott Q.	506	211	41
473,433 Rice, Charles D.	68	38	99	209,777 Ross, Abbott Q.	508	212	42
475,344 Rice, Charles D.	68	38	99	210,271 Ross, Abbott Q.	509	212	42
316,061 Rice, David H.	719	243	60	343,549 Ross, Charles H.	774	300	65
326,244 Rice, David H.	345	133	29	380,221 Ross, Frederick J., and William H.	523	221	43
326,245 Rice, David H.	346	134	29	459,310 Ross, Henry C.	643	181	52
331,330 Rice, David H.	657	227	54	104,208 Ross, John D.	863	395	68
331,331 Rice, David H.	657	227	54	468,920 Ross, William L.	22	12	95
336,588 Rice, David H.	721	243	60	481,197 Roth, Charles H.	124	72	104
342,878 Rice, David H.	166	79	15	335,246 Rothgiesser, Georg.	464	336	38
348,057 Rice, David H. and Lepine H.	355	138	30	442,275 Rothgiesser, Georg.	781	278	65
348,691 Rice, David H.	724	244	60	90,310 Rourke, Francis.	285	111	24
348,692 Rice, David H.	1010	371	81	9,953 (R.)			
349,746 Rice, David H.	1010	371	82	Rourke, Francis.	285	111	24
357,691 Rice, David H.	170	81	15	384,643 Rourke, Francis.	144	67	13
388,440 Rice, David H.	147	69	14	444,620 Rouveyre, Camille A.	392	153	32
392,750 Rice, Henry M., and O'Day, John.	932	422	75	90,585 Rowe, Philip C.	286	112	24
350,994 Rich, Willard G.	168	80	15	407,804 Rowe, Samuel.	258	158	117
350,995 Rich, Willard G.	169	80	15	432,166 Rowen, Nelson.	38	19	4
489,501 Rich, Willard G., and Sager, James H.	114	110	30	309,737 Rowlett, Jacob V.	892	406	71
252,329 Richard, Edmond O. and Jean E.	121	57	11	22,413 Royal Cycle Works.	200	200	111
252,624 Richard, Jean E.	714	240	50	42,735 Rubsam, Christian.	963	357	91
442,730 Richards, Hubert P., and Elliott, Sterling.	1028	382	84	322,974 Rucker, Martin D.	159	74	14
360,284 Richardson, Chester C.	766	288	64	12,061 Rudge, D. & Co.	795	795	67
341,946 Richardson, Edwin A.	686	282	57	319,130 Rudling, William A., and Coffin, John F.	131	61	12
217,550 Richardson, John D.	748	321	62	408,634 Rudy, William H.	383	150	31
495,709 Richmond, Josiah M.	234	146	114	321,642 Ruggles, Adam.	437	184	36
259,212 Richter, Julius.	410	193	33	217,241 Ruggles, Stephen P.	300	117	26
497,501 Richter, William H.	255	116	40	406,148 Rullmann, John D., and Eckenroth, Geo.	263	92	22
442,393 Richwine, William.	1028	381	84	325,278 Rushmer, Benjamin, and Joyce, George A.	904	410	73
450,614 Richwine, William.	1041	390	86	250,289 Russell, Henry T.	567	304	48
497,549 Rider, Charles M.	256	117	40	250,980 Russell, Henry T.	568	304	48
100,448 Rider, John P., and Bird, James R.	522	439	88	250,981 Russell, Henry T.	569	304	48
473,525 Ridge, Joseph.	50	28	97	477,705 Russell, Madison J.	92	52	101
231,061 Rieger, Bartholomew.	606	315	50	353,380 Rust, Lucian A.	160	80	15
448,850 Riess, Rudolph William.	34	17	4	493,660 Ryder, Edgar F.	210	136	113
453,713 Riess, Rudolph W.	30	17	65	342,467 Ryland, Cains T., Jr.	644	215	53
490,722 Riess, Rudolph W.	30	17	65	200,417 Sachs, Heinrich.	328	127	28
292,179 Riley, Christian F.	412	193	34	444,642 Sachtleben, William L., Walters, John F., and Allen, Thomas G., Jr.	778	302	65
Riley, James.	807	433	86		488	350	40
252,971 Rintelman, August.	449	330	36	442,207 Sager, James H.	491	352	40
222,157 Ritchie, Edward S.	749	322	62	453,212 Sager, James H.	114	65	103
266,527 Rittenhouse, Frank.	123	57	11	479,845 Sager, James H.	114	65	103
105,251 Roberts, Samuel D., and Dingee, Montgomery.	505	210	41	479,846 Sager, James H.	187	114	110
461,588 Roberts, William E.	45	23	5	489,501 Sager, James H., and Rich, Willard G.	280	170	119
419,562 Robertson, James C.	548	206	46	500,156 Sager, James H.	280	170	119
477,962 Robertson, Joseph B.	94	53	101	500,157 Sager, James H.	280	170	119
483,583 Robertson, Thomas W.	143	85	106	500,158 Sager, James H.	280	170	119
327,890 Robertson, William H.	970	360	92	15,677 St. George's Engineering Company.	795	795	67
484,675 Robinson, Arthur W.	150	89	106	475,613 Saladee, Cyrus W.	72	39	99
87,204 Robinson, Charles H.	52	26	5	480,655 Saladee, Cyrus W.	162	98	107
86,251 Robinson, Daniel T.	279	110	23	480,656 Saladee, Cyrus W.	163	98	107
310,617 Robinson, Henry A.	352	136	29	486,197 Saladee, Cyrus W.	164	99	108
462,018 Robinson, John T.	789	313	66	232,260 Salamon, Nahum, and Hancock, James L.	966	304	80
497,876 Robinson, Joseph E.	547	205	46	236,372 Salamon, Nahum.	446	329	36
483,084 Rockwell, Edward D.	139	80	105	384,473 Salter, George, and Walker, John.	472	342	38
483,238 Rockwell, Frederick C.	139	81	105	397,143 Sams, Hezekiah K.	440	185	30
498,888 Rockwell, Frederick C.	268	118	17	312,388 Sampson, George T.	542	203	45
354,656 Rodecap, George W.	361	140	30	17,946 Samuels, Asser J.	797	797	67
376,551 Rodecap, George W.	370	144	31	425,052 Samuels, Asser J.	668	234	55
386,896 Ridel, Franz L.	679	225	56	87,205 Samuels, Isaac.	279	110	23
325,014 Rodes, Robert, Jr.	666	267	58	410,335 Sanborn, William F.	74	34	7
353,504 Rodes, Robert, Jr.	697	268	58	303,753 Sandford, Charles, and Kinne, Porter S.	541	203	45
394,135 Roedel, Franz L.	679	225	56	483,585 Sandgren, Arvid J.	143	85	106
497,709 Roeth, Louis.	11	6	94	478,715 Santee, Elmer V.	102	58	102
468,538 Rodgers, James G., and Grant, Arthur W.	16	9	94	321,758 Sattley, Marshall.	573	305	72
304,960 Rodine, Charles A., and Malmgren, John G.	414	194	34	321,758 Sattley, Marshall.	902	409	48
230,838 Roff, Wm. H., and Tripler, Charles E.	597	222	50	479,707 Saunders, Samuel L.	33	10	96
232,783 Roff, Wm. H., and Tripler, Charles E.	117	56	11	488,224 Saubrey, George J.	177	110	109
Rogers, James H.	866	301	79	377,579 Savene, John W.	924	418	75
154,013 Rogers, Lewis H.	867	306	69	405,327 Savene, John W.	939	425	76
389,855 Rombauer, Robert J.	277	89	23	93,751 Sawhill, S. H.	114	54	11
94,842 Root, M. L.	226	156	20	222,573 Sawyer, Sylvester.	116	55	11
7,874 Root, Charles H., and Lamb, John.	856	393	67	226,053 Sawyer, Sylvester.	117	55	11
210,435 Root, John B.	189	100	20	21,310 Saxton, Daniel W.	784	320	66
404,657 Root, Miles C.	938	424	70	446,175 Scentlebury, William.	30	15	3
332,005 Roper, Beverly.	201	104	18	287,476 Schaaf, Albert E.	582	291	48
399,285 Roste, Aaron G.	730	248	61	354,638 Schaf, Albert E., and Haynes, Gidon, Jr.	592	296	49
391,483 Rose, Henry C., and Nichols, Herman.	764	287	64	446,810 Schaf, Alex. K., and Ostergren, Otto F.	788	313	66
459,335 Rose, Stephen J.	1041	389	86	309,566 Schaf, Barnhard, and Hoffman, Geo.	898	408	72
				355,344 Schaf, Barnhard.	914	414	74
				433,542 Schaefer, Peter.	264	92	22

	P.	C.	R.		P.	C.	R.
480,477 Schaefer, Wilhelm.....	118	68	103	496,909 Shank, Orey D.....	250	155	116
291,781 Schaffer, Charles M.....	630	178	52	388,455 Sharbonneau, Eli.....	930	420	75
297,300 Schaffer, Charles M.....	630	178	52	415,740 Sharp, Archibald.....	109	52	10
202,056 Scharf, Samuel R.....	507	212	42	123,305 Sharp, Joseph.....	823	440	88
140,416 Scharf, Friedrich C.....	186	99	16	166,151 Shaw, Edward.....	868	397	69
63,433 Scheen, Joseph.....	501	210	41	213,254 Sheffield, George S.....	552	253	46
335,964 Scheidler, Reinhard.....	908	412	73	9,571 (R.) } Sheffield, George S.....	552	253	46
315,346 Schemmel, Philipp.....	900	408	72	213,254 (R.) } Sheffield, George S.....	552	253	46
381,956 Schemmel, Julius.....	539	205	45	10,393 (R.) } Sheffield, George S.....	552	253	46
299,017 Schenck, Junius, and Stowe, Benj. L.....	842	448	90	213,254 Sheffield, George S.....	556	254	47
299,018 Schenck, Junius, and Stowe, Benj. L.....	842	448	90	260,903 Sheffield, George S.....	556	254	46
285,685 Scherling, Rudolph C.....	655	226	53	264,481 Sheffield, George S.....	557	255	47
449,498 Schieding, Andrew W.....	394	155	32	259,222 Shelburne, Cephas.....	424	189	34
380,770 Schiermeyer, Henry W.....	373	145	31	456,779 Sheldon, John, Lukin, George B., and Baker, Howard F.....	1037	388	85
447,478 Schindler, Joseph.....	33	16	4	481,428 Shelley, Abram C.....	125	72	104
409,758 Schloemer, Gottfried, and Hausknecht, Edward.....	264	92	22	499,600 Sherbondy, Walter.....	275	166	118
231,622 Schlüter, Henry.....	336	119	26	255,465 Shepherd, John, and Miller, Julius V.....	968	359	92
209,083 Schlüter, Rudolph.....	336	201	41	379,250 Sheridan, William.....	924	418	75
171,432 Schmacks, Anton.....	506	211	41	442,832 Sheridan, William.....	1028	382	84
271,524 Schmetzer, Louis.....	451	330	36	468,308 Sherman, Louie A.....	16	9	94
498,494 Schmill, Joseph V., and Noonan, Edward T.....	263	161	117	453,514 Shier, John.....	38	19	4
91,169 Schmitt, Friedrich.....	259	90	22	203,231 Shire, John.....	65	30	7
371,374 Schmitt, Karl.....	369	143	31	243,166 Shirreff, Charles J.....	66	30	7
157,547 Schneider, Charles.....	495	191	33	471,292 Shore, Charles R.....	35	20	96
319,329 Schneider, Hippolyte.....	261	91	22	490,929 Shortleeve, William H.....	197	123	111
474,415 Schoch, Martin L.....	63	35	98	490,919 Shreiner, Edward M., and Leininger, Augustus.....	192	118	111
361,027 Schoening, Charles J.....	917	416	74	494,088 Shurtliff, Asahel M.....	221	137	113
366,600 Schoening, Charles J.....	244	104	21	494,089 Shurtliff, Asahel M.....	221	137	113
416,016 Schrader, Frederick.....	75	35	8	310,620 Shute, Richard G.....	763	286	63
420,922 Schrader, Frederick.....	732	249	61	480,441 Siar, William, and Dunn, Charles H.....	118	68	103
466,577 Schrader, Frederick.....	2	2	93	460,031 Siebold, Crist, and Rastetter, Louis.....	113	54	11
473,672 Schrader, George H. F.....	51	20	97	417,550 Sigert, Friedrich A., and Döring, Emil.....	739	266	61
473,673 Schrader, George H. F.....	51	20	97	424,804 Sigert, Friedrich A., and Döring, Emil.....	740	261	61
485,172 Schrader, George H. F.....	139	81	105	497,830 Sigsons, Louis K.....	257	158	117
484,599 Schrader, George H. F.....	149	88	106	497,831 Silberg, Enoch.....	258	158	117
497,028 Schreiner, Edward M., and Leininger, Augustus.....	252	155	116	259,589 Silver, Samuel N.....	311	121	26
379,290 Schroeter, Waldemar.....	702	271	58	267,007 Silver, Samuel N.....	607	315	50
398,455 Schubert, Gustav A.....	381	149	31	293,366 Silver, Samuel N.....	608	316	50
424,934 Schulze, Johann H.....	425	189	34	103,895 Simmons, Francis H., and Kilner, George.....	403	191	33
412,240 Schulze, Johann L. F.....	223	97	19	72,233 Simmons, Frederick G.....	858	394	68
412,240 Schulze, Johann L. F.....	223	97	20	281,933 Simmons, Thomas F.....	885	403	70
454,070 Schweers, Raphael.....	39	19	4	459,530 Simon, Charles F.....	854	454	91
436,673 Schwertführer, Max.....	78	36	8	93,915 Simon, Louis T.....	289	113	24
322,071 Schwickert, August, Wilhelm, and Edward.....	610	316	50	94,039 Simon, Xavier.....	401	190	33
276,899 Scott, Emmet H., and Frenier, Joseph.....	882	401	70	90,595 Simpson, Joseph.....	56	26	6
478,643 Scott, Emmet H.....	101	57	102	480,349 Sinclair, Finlay.....	117	67	103
478,644 Scott, Emmet H.....	101	57	102	91,679 Sinclair, Lucius A.....	288	112	24
496,007 Scott, Erastus W.....	239	148	115	12,598 Singer, George.....	794	794	67
467,984 Scott, Robert.....	15	9	94	373,570 Singer, Geo., and Lea, Richard H.....	727	246	60
340,254 Scott, Robert P.....	721	244	60	382,837 Singer, Geo., and Lea, Richard H.....	249	166	21
142,285 Scott, Sylvester D.....	186	99	16	429,818 Singer, George.....	1023	378	84
3,979 Scripture, Eliphlet S.....	855	393	67	435,157 Singer, Geo., and Lea, Richard H.....	771	310	64
169,302 Seagrave, Frederic S.....	636	177	52	444,141 Singer, George.....	29	14	3
339,359 Seale, Elias A.....	1026	315	50	385,881 Sinker, James F.....	616	318	51
449,442 Searle, Frank.....	213	108	19	88,815 Skidmore, Samuel M.....	421	188	34
95,521 Searing, Theodore.....	532	200	44	85,335 Skidmore, Samuel M.....	309	100	41
486,509 Seddon, Edward H.....	167	100	108	184,435 Slemmer, Frank G.....	506	211	41
485,335 Seebick, George.....	156	93	107	261,395 Sloan, Benjamin F.....	228	157	20
298,784 Seely, Horace C.....	890	405	71	349,532 Slocumb, John T.....	168	80	15
330,430 Seiler, Albert P.....	784	320	66	483,875 Slocum, Fitz M.....	145	86	106
499,044 Selden, Edward G., and Chamberlain, George D.....	270	164	118	481,070 Slocum, Martha E.....	123	71	104
305,968 Sell, Edgar E.....	232	158	20	490,369 Sloper, Thomas B.....	192	118	111
447,741 Semple, Harry.....	33	16	4	381,590 Slutz, Marion.....	374	145	31
279,448 Senseney, Edgar M.....	762	286	63	472,487 Smalley, Martin D.....	45	20	97
474,764 Seseira, Augustus.....	64	36	98	366,638 Smallman, James W.....	720	246	60
21,014 Sercombe-Bolte Manufacturing Co.....	50	50	98	479,470 Smallwood, George T.....	110	62	103
20,588 Sercombe, Parker H.....	805	305	67	495,914 Smart, Charles W.....	236	147	115
285,933 Serrell, Harold.....	762	286	63	495,210 Smead, Isaac D.....	230	143	114
373,911 Serrell, Harold.....	768	290	64	211,867 Smith, Andrew A.....	537	201	45
87,713 Serrell, Lemuel W.....	280	110	23	211,868 Smith, Andrew A.....	537	201	45
300,516 Settle, Edward R.....	116	241	60	249,207 Smith, Budd.....	423	188	34
453,215 Severin, Julius.....	459	433	78	61,682 Smith, Charles H., and Walker, George D.....	57	28	6
455,393 Seymour, George E.....	493	354	40	262,990 Smith, Charles H.....	879	400	72
81,828 Seymour, George W.....	806	394	68	428,356 Smith, Daniel H.....	21	11	2
394,885 Seymour, Grant.....	934	422	76	491,206 Smith, Daniel H.....	202	127	112
325,019 Shakespear, Thomas.....	344	133	29	93,016 Smith, David R.....	280	113	24
192,022 Shaller, John.....	298	116	25	477,277 Smith, Elias.....	88	40	100
92,106 Shanabrook, D. S.....	428	182	35	90,031 Smith, George C.....	819	438	87
287,732 Shanck, Henry K.....	559	256	47	92,381 Smith, George C.....	820	439	88
289,151 Shanck, Henry K.....	328	127	28	90,018 Smith, George C.....	821	439	88
				484,681 Smith, George H., Hartley, Richard K., and McDougall, Isaac S.....	150	89	106
				181,662 Smith, Herbert S.....	995	363	80

	P.	C.	R.		P.	C.	R.		
398,548	Smith, Ezekiah B.	629	174	51	328,863	Starbuck, Calvin T.	462	336	37
47,580	Smith, Henry	530	190	44	109,083	Starkweather, Archibald, and Wederkinch, Carl O.	519	220	43
90,032	Smith, Hugh	284	111	24			796	796	67
338,310	Smith, James M.	847	450	90	16,702	Starley, James, John M., and William	320	125	27
196,943	Smith, John, and Thurston, Edward T.	64	30	6	274,231	Starley, John K.	390	295	49
89,095	Smith, John C.	55	27	6	351,001	Starley, John K.	591	295	49
230,660	Smith, John S.	446	329	36	352,841	Starley, John K.	591	295	49
476,085	Smith, John S.	76	41	99	353,330	Starley, John K.	591	295	49
298,632	Smith, Melvin L.	800	405	71	18,820	Starley, John M.	582	982	93
241,507	Smith, Melvin L.	874	398	69	415,072	Starley, William, and Owen, Herbert S.	108	52	10
441,857	Smith, Quitman A.	772	311	65	328,533	Starr, Henry N.	135	63	12
408,516	Smith, Robert W., and Phillips, Walter	780	277	65	284,509	Stassen, Joseph J.	322	126	27
416,493	Smith, Robert W., and Phillips, Walter	255	170	22	112,646	Staudt, Manassa	429	182	35
416,493	Smith, Robert W., and Phillips, Walter	255	170	22	299,120	Staugaard, Hans H., and Ellwood, Reuben	891	405	71
204,770	Smith, Samuel C.	967	358	92	86,709	Stearns, Caleb S.	689	362	80
382,013	Smith, Sidney	172	82	15	22,710	Stearns, E. C., & Co.	223	223	114
380,358	Smith, Willard A., and Weston, Irving A.	926	410	75	486,511	Steele, Benjamin M.	167	101	108
357,110	Smith, Willard A., and Weston, Irving A.	242	163	21	221,255	Steel, Robert	408	192	33
469,753	Smith, William	30	17	95	208,861	Steel, Robert	299	117	26
476,424	Smith, William C.	79	43	100	211,116	Steel, Robert	299	117	26
479,851	Smith, William C.	115	60	103	376,051	Steel, Robert	297	106	18
18,740	Smith, William E.	982	982	93	471,908	Steers, William, and Hunt, Harry	41	23	96
359,745	Smith, William E. (See Errata)	916	415	74	492,375	Steers, William	211	131	112
385,074	Smith, William E.	688	283	57	375,061	Steffa, James F.	416	194	34
391,490	Smith, William E.	104	50	10	482,392	Stein, Charles	133	78	105
392,073	Smith, William E.	6	3	1	485,434	Stein, Charles	158	95	107
398,005	Smith, William E.	380	148	31	292,143	Stein, Philip H.	887	404	71
403,153	Smith, William E.	89	43	9	487,789	Stenbergen, John A.	175	106	109
89,443	Smith, William H.	282	111	24	483,661	Stensersen, Erik, and Thurston, Henry W.	144	85	106
92,485	Smith, William H.	58	28	6			881	401	70
351,942	Smith, William N.	359	140	30	270,257	Stevens, David A.	666	358	92
392,234	Smith, William W.	932	421	75	172,666	Stevens, John C.	49	28	97
20,893	Smith Wheel Manufacturing Co.	807	807	67	473,434	Stevens, William F.	88	42	9
447,797	Snoddy, Abner	957	432	78	390,916	Stevens, William F.	88	42	9
380,095	Snowden, Clarence	790	313	66	293,284	Stevens, William X.	738	259	61
363,011	Snyder, Francis	660	229	54	148,257	Stewart, Sylvester N.	534	200	44
392,044	Snyder, Peter A.	541	293	45	88,570	Stickney, Charles W.	281	110	24
394,490	Snyder, Peter A.	546	205	46	345,188	Stiles, George A.	754	323	63
89,047	Snyder, Wm. B., and House, James A.	282	111	24	493,093	Stillman, Augustus M., and Bower, Ed-	789	314	66
473,070	Snyder, Waldo V.	58	33	99	324,605	Stillman, Charles F.	511	213	42
475,023	Snyder, Waldo V.	72	40	99	377,869	Stillman, Charles F.	371	144	31
492,060	Snyder, Waldo V.	208	130	112	381,038	Stillman, Charles F.	513	214	42
492,061	Snyder, Waldo V.	209	130	112	488,494	Stillman, George F., and Brown, Alex. T.	180	111	110
492,062	Snyder, Waldo V.	209	130	112			230	144	114
492,063	Snyder, Waldo V.	209	130	112	495,277	Stillman, Walter, Jr.	40	20	4
460,453	Sonnesen, Christian	113	54	11	456,387	Stillman, Walter, Jr.	456	332	37
90,470	Soule, L. H.	181	98	10	301,934	Stilwell, Henry M.	769	310	64
414,782	Southard, Frank E.	941	426	77	276,600	Stilwell, Henry M., and Kenfield, Wm.	457	333	37
420,609	Southard, Frank E., and Klausner, Arthur E.	1022	378	83	308,442	Stilwell, Henry M., and McNab, John C.	457	333	37
420,610	Southard, Frank E., and Klausner, Arthur E.	1022	378	83	186,379	Stineman, Wm. H. H., and Holloway, Charles T.	260	86	23
445,303	Southard, Frank	580	390	48	172,200	Stock, Hosea T.	556	255	47
11,446	Souther, George	987	361	79		Stockdale, Cornelius F., Reamer, Hiram J., and Hurley, Madison M.	994	363	80
338,312	Spadone, Amadee	848	451	60	50,425	Stolker, Joseph	857	393	67
19,172	Spalding, A. G., & Brothers	799	799	67	321,219	Stone, Geo. W., and Hamelright, Henry H.	901	409	72
19,173	Spalding, A. G., & Brothers	799	799	67			832	443	89
22,754	Spalding, A. G., & Brothers	228	228	115	164,946	Stone, Joseph M.	557	255	47
22,755	Spalding, A. G., & Brothers	228	228	115	381,435	Stone, Thomas H., and Corser, Harv- ington	438	185	36
408,002	Spaulding, Oliver L., Jr.	667	233	55			388	152	32
323,066	Spatzier, August W.	561	257	47	263,990	Stoner, Allen M.	535	201	45
293,377	Spence, Wm., and Thompson, Richard C.	126	59	12	378,631	Stoner, Allen M.	510	213	42
296,730	Spence, Wm., and Thompson, Richard C.	332	129	28	418,963	Stoner, Allen M.	13	7	2
387,814	Spencer, Chas. C., and Ribble, Geo. B. M.	546	205	46	167,627	Stover, Joseph M.	90	43	9
270,913	Spencer, George N.	319	125	27	230,722	Stover, Daniel C., and Hance, William A.	842	448	90
288,507	Spencer, George N.	560	256	47	418,142	Stover, Daniel C., and Hance, William A.	842	448	90
386,168	Spencer, Wilber W. and Horace	728	247	60	418,142	Stowe, Benjamin L., and Schenck, Junius	854	454	91
263,982	Sperry, Elmer A., and Vandenberg, Jesse	997	364	80	209,018	Stowe, Benjamin L., and Schenck, Junius	854	454	91
314,351	Spitznass, William	510	213	42	460,924	Stowe, Benjamin L.	168	101	108
91,379	Spofford, Fisher A., and Raffington, Mat- thew G.	182	98	16	486,620	Stowe, Benjamin L.	168	101	108
392,880	Sponsel, Charles W.	665	232	54			931	421	75
398,465	Sprake, Charles	547	205	46	486,620	Stowe, Benjamin L.	168	101	108
344,050	Spree, L. E. Hugo	641	179	52	486,621	Stowe, Benjamin L.	168	102	108
90,034	Spring, Charles and Andrew	284	111	24	391,987	Straight, Clarence H.	931	421	75
90,601	Spring, Charles and Andrew	286	112	24	292,961	Strait, Hiram	1027	381	84
394,800	Staeber, Gustav	440	185	36	421,988	Strang, Lew K.	853	454	91
205,921	Stafford, George	508	212	42	441,820	Straus, Alex., and Bromley, Joseph E.	1027	381	84
87,596	Stafford, M. B.	113	54	11	449,502	Straus, Alexander	1032	384	85
334,301	Stahl, Harlow C., and Rosebaugh, John C.	907	412	73	453,520	Straus, Alexander	1034	386	85
249,622	Stall, William W., and Howard, James E.	714	240	59	474,423	Straus, Alexander	63	36	98
496,800	Stamford, John G.	248	154	116	490,450	Straus, Alexander	193	120	111
433,820	Stanford, John	249	206	40	491,386	Straus, Alexander	203	128	112
487,081	Staples, Elial M.	171	104	108	154,725	Street, Charles B.	829	443	88
293,536	Staples, John M.	412	193	34	142,054	Street, Edward A.	827	441	88

	P.	C.	R.		P.	C.	R.
5,930 (R.) } Street, Edward A.....	827	441	88	22,455 The Yost Manufacturing Company...	206	206	113
142,054 } Street, Edward A.....	828	442	88	463,877 Thierry, James.....	1044	391	86
148,258 Street, Edward A.....	828	442	88	364,782 Thiesens, Heinrich.....	367	142	31
156,017 Street, Edward A., and Dodge, Theo. A.....	830	443	88	155,270 Thiesens, Henry.....	421	188	34
228,908 Streiff, Peter, and Langmaak, Friederick.....	635	177	52	399,354 Thomas, Amos W.....	1017	375	83
384,650 Stribling, John V.....	928	420	75	399,355 Thomas, Amos W.....	1017	375	83
347,977 Strickland, Thomas J.....	687	252	57	399,356 Thomas, Amos W.....	1017	375	83
451,080 Stroud, Edward M.....	84	41	8	11,155 (R.) } Thomas, Amos W.....	1018	375	83
109,408 Stuart, Reuben, Daney, John C., and Hanchett, Daniel.....	429	182	35	399,357 Thomas, Amos W.....	1018	375	83
298,321 Stuck, George.....	841	447	90	399,358 Thomas, Amos W.....	1018	376	83
156,240 Stultz, Sidney S.....	867	390	69	399,359 Thomas, Amos W.....	1018	376	83
436,811 Stump, Ira E.....	564	258	47	399,360 Thomas, Amos W.....	1019	376	83
89,700 Sturdy, Geo. J., and Young, Solomon W.....	514	207	42	399,361 Thomas, Amos W.....	1019	376	83
475,256 Sutzman, Frank.....	68	38	99	399,362 Thomas, Amos W.....	1019	376	83
479,229 Sulzner, Charles.....	109	62	102	422,548 Thomas, Amos W.....	91	44	9
356,383 Suratt, Ralph M.....	914	414	74	422,549 Thomas, Amos W.....	76	35	8
450,705 Surbridge, Raymond G.....	36	18	4	339,712 Thomas, George W.....	909	412	73
421,068 Surfleet, Francis R.....	76	35	8	410,220 Thomas, John D.....	548	206	46
311,687 Swain, Fremont.....	102	49	10	86,787 Thompson, Abraham D., and Marden Jesse, Jr.....	279	110	23
488,852 Swain, Walter, and Philipson, Wm.....	183	112	110	456,604 Thompson, Arthur N.....	674	238	55
461,289 Swanson, Ludvig.....	396	155	32	90,797 Thompson, Henry.....	287	112	24
92,668 Swank, Daniel.....	428	182	35	314,491 Thompson, James.....	522	221	43
486,687 Swarthout, Albert S.....	169	102	108	41,940 Thompson, John B., and Pratt, E. L.....	988	361	79
498,370 Sweetland, Frank.....	15	9	94	293,377 Thompson, Richard C., and Spence, Wm.....	126	59	12
473,030 Sweetland, Frank.....	47	27	97	296,639 Thompson, Richard C., and Spence, Wm.....	332	129	28
474,106 Sweetland, Frank.....	59	34	98	474,784 Thompson, Thomas J.....	65	37	98
475,633 Sweetland, Frank.....	73	40	99	447,382 Thompson, William.....	672	230	55
476,838 Sweetland, Frank.....	82	45	100	461,601 Thompson, William E.....	675	238	56
482,007 Sweetland, Frank.....	131	77	105	496,073 Thompson, William L.....	240	148	115
498,509 Sweetland, Frank.....	187	114	110	5,104 Thompson, Robert W.....	986	361	79
491,200 Sweetland, Frank.....	201	127	112	96,635 Thompson, Robert W.....	990	362	80
485,898 Sweeting, Thomas H.....	162	98	107	478,770 Thorp, Henry H.....	104	59	102
403,078 Swett, Charles F.....	477	344	39	Thorp, Thomas J.....	78	37	8
475,828 Swindley Harry J.....	74	40	99	495,531 Thorp, Thomas J.....	233	145	114
477,796 Taft, Edward A.....	852	453	91	366,793 Thresher, Harry.....	69	32	7
488,745 Taite, Annet.....	182	112	110	381,763 Thresher, Harry, and Dearlove, Joseph H.....	374	145	31
464,837 Takken, Evert.....	1045	392	86	387,700 Thresher, Harry.....	665	231	54
281,580 Talbot, Frank H., and Brown, Fernando.....	766	288	64	398,195 Thuemeler, Edward.....	8	4	1
407,623 Talbot, Sylvanus J.....	547	205	46	196,943 Thurston, Edward T., and Smith, John.....	64	30	6
444,410 Tannewitz, Edward.....	955	432	78	483,661 Thurston, Henry W., and Stenersen, Erik.....	144	85	106
105,739 Tarbox, Ephraim.....	269	85	23	292,072 Tice, David.....	887	404	71
395,523 Taylor, Charles.....	934	423	76	490,240 Tilbery, Scott, and Bendure, William H.....	191	117	110
402,286 Taylor, Charles.....	937	424	76	444,258 Tillinghast, Pardon W.....	741	261	62
453,094 Taylor, Frederick G.....	742	262	62	450,951 Tillinghast, Pardon W.....	1033	384	85
453,947 Taylor, Frederick G.....	743	262	62	450,952 Tillinghast, Pardon W.....	1033	385	85
456,348 Taylor, Frederick G.....	743	262	62	473,798 Tillinghast, Pardon W.....	52	30	97
496,671 Taylor, Frederick G.....	247	153	116	477,310 Tillinghast, Pardon W.....	88	49	100
233,085 Taylor, George J.....	133	62	12	486,914 Tillinghast, Pardon W.....	170	103	108
404,123 Taylor, George J.....	175	83	15	486,915 Tillinghast, Pardon W.....	170	103	108
221,125 Taylor, James.....	838	440	89	497,971 Tillinghast, Pardon W.....	259	159	117
231,736 Taylor, James.....	839	446	89	313,523 Tinklen, Henry.....	910	412	73
325,024 Taylor, James.....	904	410	72	319,351 Toennies, Charles.....	511	213	42
309,109 Taylor, Sydney W.....	339	131	28	425,471 Toense, Carl G.....	76	36	8
198,707 Taylor, Thomas.....	597	304	48	1,440 Tolles, Elisha.....	855	393	67
46,507 Taylor, William B. S.....	813	436	87	229,252 Tolman, Edward F., Howland, Arthur H., and Hill, Edward K.....	553	254	46
55,740 Taylor, William B. S.....	814	437	87	465,546 Tompkins, Ira.....	962	435	79
7,137 (R.) } Taylor, William B. S.....	814	437	87	472,411 Toney, George W., and Livingston, Murray V.....	44	25	97
55,740 Taylor, William B. S.....	814	437	87	499,859 Toomey, Oliver.....	278	168	119
144,163 Taylor, William B. S.....	828	442	88	499,860 Toomey, Samuel.....	278	168	119
482,658 Taylor, William W.....	134	80	105	87,225 Topliff, John A., and Ely, George H.....	52	26	5
468,371 Teate, Thomas A.....	16	9	94	425,837 Toquet, Benjamin L.....	77	36	8
225,771 Teese, Robert W.....	191	100	17	366,270 Torkelson, Reinhard T.....	687	282	57
453,053 Teetor, Abe L.....	38	19	4	379,228 Torkelson, Reinhard T., and Johnson, Iver.....	702	271	58
456,664 Teetor, Abe L.....	596	299	50	379,258 Torkelson, Reinhard T.....	702	271	58
292,708 Tennent, John C.....	329	128	28	391,210 Torkelson, Reinhard T.....	795	273	59
435,466 Terrot, Charles.....	734	250	61	426,402 Torkelson, Reinhard T.....	689	284	57
416,190 Terry, Ary P.....	942	426	77	428,577 Torkelson, Reinhard T.....	19	0	2
453,251 Terry, Ary P.....	959	434	78	496,803 Torkelson, Reinhard T.....	595	298	49
455,932 Terski, Leopold.....	550	267	46	61,282 Torrey, E. S.....	249	154	116
308,331 Teter, William L.....	843	448	90	66,518 Torrey, William A., and Perry, Edward L.....	815	438	87
497,290 Thanner, Leonhard.....	254	156	116	308,292 Tower, Caleb E.....	997	407	72
312,930 Thayer, Charles G.....	656	226	54	418,829 Towle, George C.....	747	264	62
396,782 Thayer, Horace N.....	934	423	76	234,937 Towle, George W., Jr.....	969	359	92
396,783 Thayer, Horace N.....	935	423	76	312,406 Towle, George W., Jr.....	999	359	92
21,201 The Coventry Machinist Company.....	73	73	100	312,406 Townsend, V. B.....	518	219	43
19,220 The Eagle Bicycle Manufacturing Co.....	800	800	67	432,097 Tozer, James H., and William.....	950	430	78
22,960 The Eagle Bicycle Manufacturing Co.....	250	250	117	250,607 Tragarth, Rudolph.....	121	57	11
22,223 The Henry Sears Company.....	180	181	110	264,374 Tragarth, Rudolph.....	122	57	11
22,661 The Kenyon Bicycle Manufacturing Company.....	219	219	114	87,769 Trageser, John, and Gardner, Franklin B.....	180	97	10
20,574 The McIntosh-Huntington Company.....	804	804	67				
21,873 The McIntosh-Huntington Company.....	148	149	107				
6,942 The Pope Manufacturing Company.....	793	793	66				
21,066 The Quadrant Cycle Company.....	61	61	100				
19,881 The Raleigh Cycle Company.....	802	802	67				

	P.	C.	R.		P.	C.	R.
478,772 Traut, Justus A.....	104	59	102	310,548 Von Malkowsky, Robert.....	128	60	12
229,562 Trautmann, Charles M.....	65	30	7	480,738 Von Oliver, Julius.....	120	60	104
232,620 Trautmann, Charles M.....	114	54	11	301,307 Von Palstring, Franz B.....	335	130	28
235,531 Trautmann, Charles M.....	217	94	19	10,624 (R.).....	335	130	28
104,681 Traynor, Patrick, and Higgins, James.....	187	99	17	301,307 Von Palstring, Franz B.....	335	130	28
462,782 Trebert, Henry L., F.....	46	23	5	366,705 Vorck, Frederick.....	787	312	66
205,996 Trekle, Benjamin F.....	317	124	27	480,840 Vorkeller, August F.....	188	116	110
482,856 Tremblay, Alfred.....	136	80	105	450,712 Voss, Frederick.....	112	53	10
480,509 Tremper, Eugene, and Lynch, William.....	120	69	103	309,667 Vossmer, Frederick W.....	339	131	28
366,045 Trigwell, James R.....	661	229	54	225,310 Vreeland, Aaron.....	216	94	19
366,046 Trigwell, James R.....	609	269	58	243,476 Vreeland, Aaron.....	422	188	34
368,360 Trigwell, James R.....	661	230	54	205,722 Vreeland, Aaron.....	194	102	17
230,838 Tripler, Charles E., and Roff, Wm. H.....	507	222	50	284,990 Vreeland, Aaron.....	886	403	70
232,783 Tripler, Charles E., and Roff, Wm. H.....	117	56	11	327,125 Vreeland, Aaron.....	437	184	36
300,290 Troy, Daniel S.....	621	172	51	92,915 Vreeland, Simon.....	860	394	68
317,893 Troy, Daniel S.....	622	172	51	5,237 (R.).....	861	394	68
455,027 Troy, Richard S.....	492	353	40	92,915 Vreeland, Simon.....	864	395	68
11,249 (R.).....	92	51	101	136,567 Vreeland, Simon.....	864	395	68
455,027 True, Richard S.....	232	144	114	340,643 Wacker, Andrew.....	543	203	45
495,442 True, Richard S.....	232	144	114	482,816 Wagner, Curt.....	136	79	105
450,540 Trusty, Joseph.....	958	343	78	468,850 Wait, Wesley.....	659	228	54
329,102 Troy, Joseph M.....	105	78	15	345,465 Waite, James N.....	139	82	95
497,905 Tucker, Frank W.....	259	159	111	483,273 Wakefield, William O.....	834	444	89
306,673 Tufts, Elmer E.....	689	284	57	183,876 Wakeman, Harwood.....	835	445	89
158,758 Turner, Benjamin G.....	867	397	69	188,446 Wakeman, Harwood.....	835	445	89
192,545 Turner, Edouard H.....	208	116	25	188,554 Wakeman, Harwood.....	835	445	89
454,092 Turner, Joseph A.....	1035	386	85	200,493 Wakeman, Harwood.....	836	445	89
355,359 Turner, Joseph A.....	1011	371	82	203,094 Wakeman, Harwood.....	836	445	89
408,861 Turner, William B., and Asbury, John.....	478	345	39	213,363 Wakeman, Harwood.....	837	445	89
478,724 Tuttle, John H., and Cable, Frank D.....	103	58	102	223,262 Wakeman, Harwood.....	838	446	89
230,176 Tuttle, John W. T., Collins, Henry C., and Collins, Daniel H.....	303	118	26	284,781 Waldo, Charles F.....	823	126	28
264,798 Tyler, Abel D.....	693	265	57	91,682 Walker, George D., and Smith, Chas. H.....	57	28	6
94,927 Tyler, Charles M.....	789	313	66	384,473 Walker, John, and Salter, George.....	472	342	38
189,588 Uebele, Conrad, and Will, Henry.....	297	116	25	296,370 Walker, William J.....	841	447	90
219,551 Uebele, Conrad, and Will, Henry.....	65	30	7	438,720 Wall, Robert C.....	776	301	65
319,040 Ugland, Andrew A.....	719	243	60	467,720 Wall, Robert C.....	12	7	94
47,934 Ulbricht, Emil.....	47	27	97	249,275 Wallace, Albert E.....	580	290	48
160,487 Unstead, William O.....	406	162	33	280,421 Wallace, Albert E.....	581	291	48
17,608 Union, Cycle Manufacturing Company.....	706	706	67	284,782 Wallace, Albert E.....	715	240	60
22,453 Union Cycle Manufacturing Company.....	205	205	112	67,299 Wallace, Albert E.....	715	241	60
242,084 Unwin, Howard.....	580	309	48	310,540 Wallace, Albert E., and Pratt, Charles E.....	716	241	60
204,636 Unzicker, Otto.....	209	116	25	312,411 Wallace, Albert E.....	641	132	29
229,500 Unzicker, Otto.....	101	101	17	312,732 Wallace, Albert E., and Knous, John.....	656	226	54
212,490 Unzicker, Otto.....	448	329	36	313,083 Wallace, Albert E., and Knous, John.....	572	305	48
257,415 Unzicker, Otto.....	315	123	27	314,633 Wallace, Albert E.....	718	242	60
355,038 Unzicker, Otto.....	362	140	30	318,149 Wallace, Albert E.....	684	280	56
393,044 Unzicker, Otto.....	147	69	14	334,829 Wallace, Albert E.....	907	412	73
397,099 Unzicker, Otto.....	71	33	7	475,780 Walpole, Wm. R., and King, Wm. E.....	74	40	99
209,367 Upton, William H.....	536	201	45	268,058 Walrath, Jesse.....	880	401	70
245,418 Urch, David.....	521	220	43	255,357 Walsh, Maurice J.....	839	446	89
251,077 Urch, David.....	522	221	43	469,192 Walsh, Patrick R.....	24	13	95
242,102 Uster, John.....	538	202	45	396,182 Walter, Henry.....	783	279	66
479,005 Vale, Samuel.....	42	24	96	444,642 Walters, John F., Sachtleben, William L., and Allen, Thomas G., Jr.....	778	302	65
222,611 Valentine, Waldo W.....	873	398	69	269,490 Walz, Samuel H.....	557	255	47
347,845 Valentine, Waldo W.....	911	413	73	98,810 Wanner, Anthony.....	291	114	25
308,862 Valiquet, Louis P.....	273	87	23	88,683 Ward, Thomas W.....	632	176	52
313,460 Valiquet, Louis P.....	342	133	29	437,269 Wardman, Palmer, and Hollister, Wm.....	631	175	52
357,249 Valiquet, Louis P.....	363	141	30	320,100 Ware, Theodore E.....	764	286	64
88,283 Van Anden, William.....	713	240	59	334,495 Ware, Theodore E.....	764	287	64
477,583 Van Bibber, Andrew.....	91	51	101	19,953 Warman & Hazlewood.....	803	303	67
263,982 Vandenburgh, Jesse, and Sperry, Elmer A.....	907	364	80	282,938 Warner, Charles H.....	124	58	12
88,347 Van Der Waag, Johannes A.....	257	89	22	283,306 Warner, Charles H.....	124	58	12
6,250 (R.).....	258	90	22	298,525 Warner, Jasper P.....	890	405	71
88,347 Van Der Waag, Johannes A.....	258	90	22	182,045 Warpenberg, Wm.....	407	192	33
261,411 Van Meter, Joseph E., and Hesser, Benj. F.....	434	183	35	491,620 Warren, Willard A.....	207	129	112
345,476 Varley, John J., and Barrett, Henry.....	1008	370	81	499,810 Warwick, John.....	277	168	119
239,629 Veeder, Curtis H.....	447	329	36	309,325 Warwick, George T.....	339	131	28
244,693 Veeder, Curtis H.....	448	330	36	315,094 Warwick, George T.....	1001	367	81
252,280 Veeder, Curtis H.....	448	330	36	322,221 Warwick, George T.....	132	62	12
312,407 Veeder, Curtis H. and John I.....	717	241	60	328,987 Warwick, George T.....	573	305	48
371,234 Veeder, Curtis H.....	701	270	58	362,407 Warwick, George T.....	142	67	13
372,994 Veeder, Curtis H.....	469	340	38	384,945 Warwick, George T.....	3	2	1
420,421 Veeder, Curtis H.....	482	347	39	384,946 Warwick, George T.....	144	67	13
476,670 Veitch, Richard M., and Mitchell, Claudius H.....	80	44	100	386,097 Warwick, George T.....	664	231	54
246,988 Venner, Orange H.....	120	56	11	397,495 Warwick, George T.....	578	308	48
476,433 Vetterlein, John.....	79	43	100	399,454 Warwick, George T.....	1020	376	83
228,496 Vick, Alfred.....	509	213	42	399,454 Warwick, George T.....	148	69	14
346,078 Vick, Alfred.....	513	214	42	399,456 Warwick, George T.....	8	4	1
455,673 Vincent, David P.....	39	20	4	412,216 Warwick, George T.....	12	7	2
479,177 Vogel, Charles.....	107	61	102	416,696 Warwick, George T.....	784	279	66
477,160 Vogt, Theodore G. P.....	87	48	100	416,697 Warwick, George T.....	481	346	39
418,253 Volk, George.....	943	427	77	424,041 Warwick, George T.....	16	8	2
97,837 Volk, William.....	291	113	25	427,488 Warwick, George T.....	484	347	39

	P.	C.	R.		P.	C.	R.
429,587	Warwick, George T.	485	348	39	425,612	Whiteley, Nathan, Hanson, Albert, and	
434,615	Warwick, George T.	110	52	10	Johnson, Thomas.	946	428 77
438,124	Warwick, George T.	25	13	3	496,627	Whiteman, Abram V.	245 153 116
441,521	Warwick, George T.	1027	381	84	250,316	Whiting, William A.	121 56 11
467,695	Warwick, George T.	10	6	94	416,699	Whitman, Louis F.	481 346 39
289,733	Watkins, Thomas	998	365	80	226,578	Whitmore, George E.	301 118 26
316,702	Watkins, Thomas	460	335	37	356,388	Whitmore, George E.	362 141 30
329,517	Watkins, Thomas	349	134	29	379,841	Whitmore, George E.	925 418 75
362,472	Watkins, Thomas	1011	371	82	345,351	Whiton, Lucius E.	1007 370 81
492,754	Waterman, Stephen, and Luther, Chas. H., Jr.	212	132	112	447,993	Whittemore, Louis D., Jr.	1030 383 84
445,014	Waterson, Henry	712	276	59	20,883	Whittier, David L.	806 806 67
417,655	Watkins, Charles F.	668	233	55	20,884	Whittier, David L.	806 806 67
448,701	Watkins, Charles F.	673	237	55	254,082	Wiard, George	126 407 71
482,768	Watkins, Gardner A.	135	70	105	488,404	Wickstead, Charles	745 570 62
410,681	Watkins, James L.	11	6	2	158,342	Wietlisch, Albin	993 363 80
363,189	Watson, Richard	366	142	30	441,545	Wietlisch, George J., and Flickinger, Wm. F.	549 206 46
471,921	Watson, Thomas A.	41	23	96	358,178	Wiggins, David	363 141 39
203,968	Watt, Sern P.	408	192	33	376,401	Wilder, Francis M., and Benjamin, George H.	849 452 91
441,728	Watts, Samuel	669	234	55	307,511	Wilkins, John H.	766 289 64
71,561	Way, Charles A.	179	97	16	64,820	Wilkinson, John G.	426 181 35
71,562	Way, Charles A.	179	97	16	189,588	Will, Henry, and Uebele, Conrad	297 116 25
153,207	Weaver, Theophilus	866	396	68	219,551	Will, Henry, and Uebele, Conrad	65 30 7
333,268	Weber, Caspar	202	104	18	92,412	Willcox, Albert O., Jr.	51 28 6
321,162	Weber, Theodore R. A., Henning, Carl G. E., and Frommelt, Alfred E.	343	133	29	498,373	Williams, George R.	262 160 117
493,002	Webster, Harold A.	214	134	113	300,293	Williams, Samuel T.	892 405 71
254,181	Webster, Maria	272	86	23	305,727	Williams, Samuel T.	894 406 72
169,774	Webster, William, Masse, Jacques, and Bodel, Louis G.	215	93	19	305,769	Williams, Samuel T.	895 407 72
109,083	Weidenreich, Carl O., and Starkweather, Archibald	519	220	43	305,770	Williams, Samuel T.	895 407 72
391,100	Weeks, Elias	439	185	39	305,771	Williams, Samuel T.	895 407 72
331,173	Weidman, George W.	165	78	15	305,772	Williams, Samuel T.	895 407 72
469,760	Weineld, Charles	30	18	95	306,450	Williams, Samuel T.	895 407 72
332,027	Weinstock, Henry B.	906	411	73	325,301	Williams, Samuel T.	905 410 73
460,243	Weir, Thomas	1042	390	86	325,893	Williams, Samuel T.	905 411 73
134,176	Weishaar, Ignatz	404	191	33	337,223	Williams, Samuel T.	908 412 73
494,611	Welch, Charles K.	225	141	114	339,082	Williams, Samuel T.	909 412 73
437,826	Welch, Roy W.	953	431	78	334,322	Williams, Thomas B.	1004 368 81
481,681	Wellstein, Joseph, and Maxfield, Morgan E.	128	74	104	349,773	Williams, Thomas B.	1010 371 82
472,282	Werneth, Francis J.	43	25	86	111,597	Williams, William L.	505 211 41
438,334	Wesson, Daniel B.	1026	380	84	364,075	Williamson, Catherine A.	468 339 38
407,266	West, Derrick S.	939	425	76	21,059	Willis, Ernest J.	984 984 93
454,315	West, Derrick S.	960	434	79	458,609	Willis, Ernest J.	495 355 40
418,904	West, Harley E.	943	427	77	269,906	Willits, Warren J.	557 255 47
483,703	West, Harley E.	144	86	106	467,112	Willoughby, Frank S., and Horsfield, Thomas	6 4 93
463,181	West, Jonathan B.	1044	391	86	89,262	Wilmarth, Seth	283 111 24
267,473	Westinghouse, George, Jr.	839	446	89	469,494	Wilmot, Frank A.	25 14 95
481,608	Weston, Frank C.	128	74	104	89,960	Wilson, Benjamin F.	214 93 19
357,110	Weston, Irving A., and Smith, Willard A.	242	163	21	487,359	Wilson, Harriett, D. T.	173 105 109
360,358	Weston, Irving A., and Smith, Willard A.	926	419	75	274,163	Wilson, Joseph L.	451 331 36
439,915	Weston, Irving A.	391	153	32	348,005	Wilson, Needham M.	911 413 73
88,759	Weston, James W.	258	90	22	459,596	Wilson, Stephen	43 21 4
92,132	Westphal, Frederick	428	182	35	477,033	Wilson, Stephen	84 47 100
476,011	Westwood, Frederick	83	46	100	490,465	Wilson, Stephen	193 120 111
486,146	Westwood, Frederick, and Butler, William H.	164	99	107	359,945	Wilson, William J. (See Errata)	915 415 74
467,761	Whaler, Clarence V. W.	13	8	94	19,157	Wilson, Wm. T., and Morris, George L.	798 798 67
472,837	Wheatley, Thomas	47	27	97	460,242	Wilson, Wm. T., and Morris, George L.	43 21 5
177,774	Wheeler, Earl A.	296	115	25	353,904	Winey, Elijah L.	140 65 13
458,608	Wheeler, William	692	285	57	235,925	Winslow, Gorham N.	118 56 11
399,733	Whelock, Luke	705	274	58	486,456	Wintersteen, Jacob L., and Frazee, Fremont	166 100 108
498,598	Whipple, Clayton J.	263	161	117	461,696	Winton Alexander	675 239 56
467,360	Whipple, Jerome	9	5	94	481,536	Winton, Alexander	126 73 104
489,045	Whitaker, Joseph F.	187	115	110	500,177	Winton, Alexander	281 170 110
158,554	Whitcomb, William W.	965	358	91	91,308	Witz, John C.	503 210 41
310,857	White, Albert M.	1000	366	81	428,737	Withers, Addison L., Jr.	22 11 2
317,950	White, Albert M.	1002	367	81	111,708	Withington, George	893 395 68
259,444	White, Frederick	316	123	27	361,241	Witt, Julius	203 104 18
336,968	White, Frederick	351	135	29	235,720	Wittenberg, Charles	306 110 26
414,060	White, Frederick	385	151	32	432,020	Wittig, Fred E.	770 310 64
437,827	White, Frederick	79	38	8	87,099	Wity, Calvin	52 27 6
88,930	White, John J.	267	85	23	288,537	Woerd, Charles V.	125 58 12
258,333	White, Joseph	450	330	36	475,226	Wohlgemuth, Frederick	68 38 09
269,609	White, Joseph	318	124	27	493,419	Wolcott, Marcus R.	217 135 113
300,544	White, Joseph	585	292	49	391,499	Wolf, Francis M.	418 195 34
89,102	White, Thomas E. M.	604	314	50	297,238	Wolf, Geo., and Dopp, Frederick J. W.	334 130 28
86,111	White, Thomas R., and Bedford, Wm. G.	815	438	87	92,554	Wolfskill, Henry	401 190 33
341,526	Whitehead, Benjamin S.	138	64	13	462,387	Wollman, Carl T.	1043 301 80
88,426	Whitehead, Edward	281	110	24	103,114	Wonsen, Mileden	803 305 68
194,980	Whitehead, Edward	227	157	20	368,364	Wood, Edward L.	549 452 90
260,840	Whitehead, James, and Candler, Claude H.	218	95	19	439,022	Wood, Ellery W., and Burnap, Charles E.	96 47 9
					488,230	Wood, Isaac	179 110 100
					299,600	Wood, John B.	774 300 65
					336,277	Wood, John, Jr., and Philbrick, Andrew J.	686 282 57

	P.	C.	R.		P.	C.	R.
432,848 Wood, John.....	950	430	78	481,323 Wyman, Adolphus F.....	124	72	104
85,501 Wood, Sylvester A.....	531	300	44	106,529 Wyndham, Charles.....	62	30	6
379,820 Wood, William P.....	984	309	79	494,047 Wynn, Calvin.....	228	143	114
43,051 Wood, George B., and A. B.....	857	393	67	493,201 Xander, John G.....	216	134	113
33,809 Woodard, Seth D.....	988	361	79	452,001 Yagn, Nicholas.....	1034	385	85
266,045 Woodham, Augustus F.....	539	202	45	394,429 Yingst, Cyrus.....	209	106	18
474,051 Woodhead, Richard M., and Angois, Paul.....	58	34	98	399,110 Yingst, Cyrus.....	419	195	34
293,837 Woodruff, John W.....	436	184	35	426,518 Yingst, Cyrus.....	210	107	18
291,457 Woodward, Alonzo B.....	887	403	71	481,883 Yost, Abraham and Fernando.....	130	75	105
374,919 Woodward, Charles E. W.....	759	327	63	310,858 Yost, Joseph L.....	128	60	12
401,237 Woodward, Charles E. W.....	8	4	1	312,092 Yost, Joseph L.....	1001	367	81
428,991 Woodward, Charles E. W., and Overman, Charles R.....	110	52	10	334,325 Yost, Joseph L.....	136	63	13
443,735 Woodward, Charles E. W.....	1029	382	84	10,864 (R.) } Yost, Joseph L.....	137	64	13
404,767 Woodward, Charles E. W.....	1044	392	86	334,325 Yost, Joseph L., and McCune, Joseph B.....	661	229	54
406,548 Woodward, Charles E. W.....	1	1	93	366,288 Yost, Joseph L., and McCune, Joseph B.....	726	246	60
477,397 Woodward, Charles E. W.....	89	50	101	307,883 Yost, Joseph L., and McCune, Joseph B.....	661	230	54
478,776 Woodward, Charles E. W.....	104	59	102	420,756 Yost, Joseph L., and Moore, Charles J.....	15	8	2
481,340 Woodward, Charles E. W.....	24	72	104	424,094 Yost, Joseph L., and McCune, Joseph B.....	17	8	2
483,373 Woodward, Charles E. W.....	140	82	105	448,460 Yost, Joseph L., and Moore, Charles J.....	490	351	40
446,910 Woolson, Egbert.....	1030	383	84	431,927 Young, John S.....	949	430	78
102,209 Work, Alanson.....	966	358	92	95,753 Young, McClintock.....	66	29	6
246,650 Work, Charles L.....	877	399	69	96,048 Young, McClintock.....	677	224	56
248,545 Work, Charles L.....	311	121	26	89,700 Young, Solomon W., and Sturdy, Geo. J.....	514	207	42
314,160 Work, Charles L.....	129	60	12	426,631 Young, William F.....	948	429	77
442,345 Worms, Eugene, and Zwierzchowski, Alex- ander S.....	391	153	32	471,032 Youngs, Fred E.....	41	23	96
451,588 Worms, Eugene, and Zwierzchowski, Alex- ander S.....	150	70	14	302,462 Zacharias, Charles R.....	774	300	65
444,868 Worth, William O.....	82	40	8	476,857 Zalsman, John F.....	82	45	100
447,395 Worth, William O.....	601	285	57	352,503 Zanger, Theodore.....	359	140	30
93,030 Wortmann, Simon.....	225	150	20	233,903 Zeller, Thomas B.....	192	101	17
479,909 Wright, David D., and Berry, Wm. R.....	116	66	103	339,611 Ziegler, William.....	909	412	73
478,674 Wright, John R.....	102	58	102	466,613 Ziegler, John G., and Meigs, Geo. W.....	3	2	93
425,283 Wright, Rufus.....	853	454	91	474,327 Ziegler, John G., and Meigs, Geo. W.....	61	35	98
490,035 Wright, Rufus, and Morgan, Fred. W.....	188	116	110	431,308 Ziegler, Oscar J., and Hance, William A.....	652	198	53
496,321 Wright, Rufus, and Morgan, Fred. W.....	241	149	115	471,240 Zillgitt, Gustav.....	35	20	96
496,789 Wright, Rufus, and Morgan, Fred. W.....	247	154	116	445,618 Zimer, Frederick W.....	671	235	55
299,897 Wright, Wilber S.....	999	365	81	478,184 Zimmer, Cyrus W.....	98	55	101
489,112 Wright, William A.....	185	113	110	392,252 Zimmermann, George J.....	576	307	48
490,604 Wright, William A.....	276	167	118	396,796 Zimmermann, George J.....	577	307	48
311,862 Wütsch, Christian.....	541	203	45	352,076 Zimmermann, John C.....	242	163	21
355,672 Wuterich, William F.....	725	245	60	208,876 Zoebi, Johan A.....	188	100	17
261,290 Wyke, Thomas H., and Bancroft, James.....	516	207	42	442,345 Zwierzchowski, Alex S., and Worms, Eugene.....	391	153	32
				451,588 Zwierzchowski, Alex S., and Worms, Eugene.....	150	70	14

Number, Name and Date of Patents,

With List of References by Number, Name and Date Cited in the Examination of Applications.

Safeties, with Chain, Foot Propelled.		P.	C.		P.	C.
				391,882 Chapman, George J., Oct. 30, 1888,	5	3
360,101 Latta, Emmit G., March 29, 1887,	1	1		No references.		
References—3,564 of 1879. English.				392,523 Owen, Herbert S., Nov. 6, 1888,	6	3
349 of 1884. "				References—Aland, 305,651. Sept. 23, 1884.		
12,084 of 1884. "				12,901 of 1886. English.		
Latta, 337,271. March 2, 1886.				1,559 of 1887. "		
Pressey, 234,722. Nov. 23, 1880.				4,906 of 1885. "		
Morse, 92,991. July 27, 1869.				13,782 of 1886. "		
Klahr, 285,821. Oct. 2, 1885.				392,973 Smith, William E., Nov. 13, 1888,	6	3
McClure, 331,518. Dec. 1, 1885.				References—Lawson, 90,563. May 25, 1869.		
Jannus, 331,190. Nov. 24, 1885.				Morse, 92,991. July 27, 1869.		
Laughbaugh, 86,235. Jan. 26, 1869.				Latta, 360,101. March 29, 1887.		
15,590 of 1884. English.				270 of 1885. English.		
15,618 of 1884. "				10,057 of 1885. "		
8,101 of 1884. "				5,738 of 1886. "		
370,450 Collicutt, George M., Sept. 27, 1887,	1	1		1,613 of 1885. "		
References—Crane, 258,559. May 30, 1882.				12,586 of 1886. "		
Leddell, 308,498. Oct. 14, 1884.				15 of 1885. "		
McMurray, 351,118. Oct. 19, 1886.				8,049 of 1886. "		
Mercer, 354,337. Dec. 14, 1886.				Wallace, 299,883. June 13, 1884.		
Dutton, 247,809. Oct. 4, 1881.				395,147 Jeffery, Thomas B., Dec. 25, 1888,	7	3
377,610 Goodsell, Charles H., Feb. 7, 1888,	2	1		References—Lorenz, 298,217. May 6, 1884.		
References—Hanchett et al., 109,408. Nov. 22, 1870.				Harrington, 359,863. March 22, 1887.		
Gunn, 233,671. Oct. 26, 1880.				37,804 of 1886. German.		
Edwards, 256,303. April 11, 1882.				3,688 of 1884. English.		
Soule, 90,470. May 25, 1869.				398,158 Jeffery, Thomas B., Feb. 19, 1889,	7	4
378,253 Latta, Emmit G., Feb. 21, 1888,	2	1		References—1,559 of 1887. English.		
References—Laubach, 86,235. Jan. 26, 1869.				3,294 of 1886. "		
Rudling & Coffin, 319,130. June 2, 1885.				Palmer, 367,115. July 26, 1887.		
Thresher, 366,703. July 19, 1887.				Martin, 339,446. April 6, 1886.		
4,906 of 1885. English.				Jeffery, 354,907. Dec. 28, 1886.		
Lorenz, 298,217. May 6, 1884.				Veeder, 372,994. Nov. 8, 1887.		
Hosen, 228,996. June 22, 1880.				Hart, 339,765. April 13, 1886.		
Mercer, 335,337. Dec. 14, 1886.				Illston, 4,606 of 1879. English.		
384,150 Goodsell, Charles H., June 5, 1888,	2	1		398,195 Thuemler, Edward, Feb. 19, 1889,	8	4
References—Goodsell, 377,610. Feb. 7, 1888.				References—Elliott, 379,270. March 13, 1888.		
Rice, 348,691. Sep. 7, 1886.				399,455 Warwick, George T., March 12, 1889,	8	4
299 of 1888. English.				References—Dutrow, 277,246. May 8, 1883.		
384,945 Warwick, George T., June 19, 1888,	3	2		Kempster, 305,198. Sept. 16, 1884.		
References—911 of 1881. English.				Flack, 167,517. Sept. 7, 1875.		
5,295 of 1879. "				401,237 Woodward, Charles E. W., April 9, 1889,	8	4
Sheffield, 265,987. Oct. 17, 1882.				References—1,589 of 1887. English.		
Perkins, 290,703. Dec. 25, 1883.				13,782 of 1886. "		
13,585 of 1884. English.				10,239 of 1887. "		
1,608 of 1879. "				972 of 1881. "		
4,964 of 1880. "				401,295 Norton, Malcolm A., April 9, 1889,	9	5
4,309 of 1882. "				References—Buell, 90,723. June 1, 1869.		
5,382 of 1882. "				Harrington, 359,863. March 22, 1887.		
Gardner, 113,867. Aug. 18, 1871.				404,693 Easthope, Alfred, June 4, 1889,	9	5
Hemmich, 254,970. March 14, 1882.				References—12,901 of 1886. English.		
5,307 of 1882. English.				972 of 1881. "		
13,986 of 1886. "				2,164 of 1879. "		
385,370 Overman, Albert H., and Hadley, Charles F., July 3, 1888,	4	2		406,445 Jeffery, Thomas B., July 9, 1889,	10	5
References—7,670 of 1884. English.				References—Ellis & Norman, 305,061. Sept. 16, 1884.		
3,890 of 1885. "				Gowley, 300,359. June 17, 1884.		
387,979 Latta, Emmit G., Aug. 14, 1888,	4	2		Sherrell, 87,713. March 9, 1869.		
References—Lallement (R), 7,972. Nov. 27, 1877.				2,813 of 1885. English.		
Marble, 328,499. Oct. 20, 1885.				9,045 of 1885. "		
388,903 O'Brien, Thomas, Sept. 4, 1888,	5	2		Maltby, 123,571. Feb. 13, 1877.		
References—Thresher, 366,703. July 19, 1887.				Tryon, 329,102. Oct. 27, 1885.		
Thiesen, 364,782. June 14, 1887.				McGann, 230,428. July 27, 1880.		
389,200 Clegg, Wesley, Sept. 11, 1888,	5	3		Latta, 360,101. March 29, 1887.		
No references.				Serrell, 87,713. March 9, 1869.		

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Barr, 30,192. Oct. 2, 1860.			424,870 Fay, Stillman M., April 1, 1890,	15	8
14,529 of 1886. English.			References—Clegg, 389,200. Sept. 11, 1888.		
1,559 of 1887. "			Jeffery, 395,147. Dec. 25, 1888.		
13,782 of 1886. "			Jeffery, 406,445. July 9, 1889.		
12,901 of 1886. "			16,064 of 1886. English.		
3,312 of 1883. "			12,899 of 1887. "		
Cole, 373,516. Nov. 22, 1887.			13,921 of 1877. "		
Hitchcock, 181,439. Aug. 22, 1876.			424,941 Warwick, George T., April 1, 1890,	16	8
Lawson, 90,563. May 25, 1869.			References—Duryea, 402,313. April 30, 1889.		
Marble, 328,499. Oct. 20, 1885.			4,881 of 1888. English.		
10,610 of 1885. English.			1,792 of 1887. "		
972 of 1881. "			9,256 of 1884. "		
406,581 Hanson, Olaus, and Fyrberg, Andrew, July 9, 1889,	10	6	424,994 McCune, Joseph B., and Yost, Joseph L., April 8, 1890,	17	8
No references.			References—3,564 of 1879. English.		
406,661 Mohrig, Edwin, July 9, 1889,	10	6	425,017 Barrow, Louis, and Guest, Charles H., April 8, 1890,	17	9
References—Latta, 360,101. March 29, 1887.			References—16,723 of 1887. English.		
1,559 of 1887. English.			13,043 of 1888. "		
12,901 of 1886. "			425,390 Rice, Charles D., April 8, 1890,	18	9
407,930 Hill, Louis A., July 30, 1889,	11	6	References—2,140 of 1883. English.		
References—Buell, 90,723. Jan. 1, 1869.			426,191 Lloyd, Walter J., and Priest, William, April 22, 1890,	19	9
Pope, 379,907. March 22, 1888.			References—O'Brien, 41,3415. Oct. 22, 1889.		
Harrington, 359,863. March 22, 1887.			Norton, 401,295. April 9, 1889.		
Warwick, 399,454. March 12, 1889.			Owen, 398,745. Feb. 26, 1889.		
410,681 Watkins, James L., Sept. 10, 1889,	11	6	13,921 of 1887. English.		
References—Unzicher, 242,490. June 7, 1881.			426,402 Torkelson, Reinhard T., April 22, 1890,	19	9
1,399 of 1888. English.			References—6,767 of 1884. English.		
410,751 Davis, George H., Sept. 10, 1889,	11	6	1,613 of 1885. "		
References—10,610 of 1885. English.			16,723 of 1887. "		
4,983 of 1883. "			12,586 of 1886. "		
349 of 1884. "			13,782 of 1886. "		
12,582 of 1887. "			426,670 Keating, Robert M., April 29, 1890,	20	10
412,216 Warwick, George T., Oct. 1, 1889,	12	7	References—Driscoll, 232,601. Sept. 28, 1880.		
References—Wyndham, 106,529. Aug. 16, 1870.			Smith, 268,437. Dec. 5, 1882.		
Morgan, 335,297. Feb. 2, 1886.			16,115 of 1887. English.		
413,414 O'Brien, Thomas, Oct. 22, 1889,	13	7	12,899 of 1887. "		
No references.			Parker, 361,233. April 12, 1887.		
418,142 Stover, Daniel C., and Hance, William A., Dec. 24, 1889,	13	7	Martin, 339,446. April 6, 1886.		
References—10,610 of 1885. English.			Jeffery, 335,590. Feb. 9, 1886.		
12,413 of 1887. "			Smith, 392,973. Nov. 13, 1888.		
12,582 of 1887. "			Warwick, 412,216. Oct. 1, 1889.		
White, 269,609. Dec. 26, 1882.			Latta, 387,979. Aug. 14, 1888.		
420,059 Hanson, Olaus, and Lobben, Peder, Jan. 28, 1890,	14	7	Smith, 391,490. Oct. 23, 1888.		
References—Lorenz, 298,217. May 6, 1884.			Jeffery, 383,131. May 22, 1888.		
Humber, 352,090. Nov. 2, 1886.			Keating, 420,805. Feb. 4, 1890.		
Lawson, 345,851. July 20, 1886.			190 of 1879. English.		
Latta, 377,204. Jan. 31, 1888.			12,277 of 1884. "		
420,145 Davenport, Charles R., Jan. 28, 1890,	14	8	10,273 of 1884. "		
References—1,098 of 1888. English.			Jeffery, 411,035. Sept. 17, 1889.		
420,756 Yost, Joseph L., and Moore, Charles J., Feb. 4, 1890,	15	8	Norton, 401,295. April 9, 1889.		
References—Smith, 392,973. Nov. 13, 1888.			426,855 Reed, Willard S., April 29, 1890.	20	10
Owen, 398,745. Feb. 26, 1889.			References—Jannus, 331,199. Nov. 24, 1885.		
Overman, 406,461. July 9, 1889.			427,048 Clegg, Wesley, May 6, 1890,	21	10
Warwick, 412,216. Oct. 1, 1889.			No references.		
Thomas & Howard, 339,949. April 13, 1886.			427,076 Hamming, Franz, May 6, 1890,	21	11
618 of 1876. English.			No references.		
4,478 of 1876. "			428,356 Smith, Daniel H., May 20, 1890,	21	11
Harwood, 259,535. June 13, 1882.			No references.		
Day, 388,480. Aug. 28, 1888.			428,737 Withers, Addison L., Jr., May 27, 1890,	22	11
Chapin, 402,304. April 30, 1889.			References—Laubach, 86,235. January 26, 1869.		
Golding, 8,049 of 1886. English.			9,538 of 1886. English.		
Interference with application of Geo. Harriott. Decision favorable to Yost & Moore.			13,043 of 1886. "		
422,781 Hiller, Henry F., March 4, 1890,	15	8	Jeffery, 335,590. Feb. 9, 1886.		
References—Anderson, 91,589. June 22, 1869.			Emerson, 99,546. Feb. 8, 1870.		
White, 269,609. Dec. 26, 1882.			Shire, 216,231. June 3, 1879.		

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Linley & Biggs, 354,642. Dec. 21, 1886.			444,141 Singer, George, Jan. 6, 1891, . . .	29	14
Mohrig, 406,661. July 9, 1889.			References—Lawson, 345,851. July 20, 1886.		
13,127 of 1885. English.			Owen, 398,745. Feb. 26, 1889.		
1,216 of 1869. " "			12,586 of 1886. English.		
85,885 of 1869. French.			15,101 of 1887. " "		
Latta, 387,979. Aug. 14, 1888.					
430,019 Hillman, William, June 10, 1890, . . .	22	11	444,637 Latta, Emmitt G., Jan. 13, 1891, . . .	29	14
No references.			References—Keating, 420,805. Feb. 4, 1890.		
432,124 Duryea, Charles E., July 15, 1890, . . .	23	11	Haynes, 392,557. Nov. 6, 1888.		
References—Swain, 311,687. Feb. 3, 1885.			Copeland, 367,368. Aug. 2, 1887.		
O'Brien, 388,006. Sept. 4, 1888.			Hendee, 423,249. March 11, 1890.		
Hazen & Hildreth, 359,536. March 15, 1887.			Colling, 402,143. April 30, 1880.		
Latta, 391,253. Oct. 16, 1888.			Laughlin, 332,263. Dec. 15, 1885.		
Easthope, 404,693. June 4, 1889.			Jeffery, 398,158. Feb. 19, 1889.		
Duryea, 402,313. April 30, 1889.			3,294 of 1886. English.		
Latta, 391,900. Oct. 30, 1888.			Warwick, 424,941. April 1, 1890.		
			15,101 of 1887. English.		
434,234 Barker, Arthur D., Aug. 12, 1890, . . .	24	12	Smith, 403,153. May 14, 1889.		
No references.					
437,026 Flachs, Richard, Sept. 23, 1890, . . .	24	12	446,098 Hibbert, William E., and Manuel, Alfred, Feb. 10, 1891, . . .	30	15
References—Racey, 90,302. May 8, 1869.			References—Smith, 392,973. Nov. 13, 1888.		
438,124 Warwick, George T., Oct. 7, 1890, . . .	25	13	Jeffery, 411,035. Sept. 17, 1889.		
References—796 of 1883. English.			13,782 of 1886. English.		
4,917 of 1881. " "			14,689 of 1887. " "		
486 of 1879. " "			12,901 of 1886. " "		
533 of 1881. " "			Withers, 428,737. May 27, 1890.		
5,295 of 1879. " "			Thuemler, 398,195. Feb. 19, 1889.		
7,534 of 1884. " "			Easthope, 404,693. March 8, 1887.		
2,920 of 1887. " "			Jeffery, 406,445. July 9, 1889.		
2,202 of 1881. " "			Warwick, 399,454. March 12, 1889.		
5,991 of 1882. " "					
3,482 of 1883. " "			446,175 Scantlebury, William, Feb. 10, 1891, . . .	30	15
Dodge, 248,720. Oct. 25, 1881.			References—Easthope, 404,693. June 4, 1889.		
Mellette & Harris, 332,672. Dec. 15, 1885.			Keating, 420,805. Feb. 4, 1890.		
Warwick, 362,407. May 3, 1887.			14,698 of 1887. English.		
Pihfeldt, 327,408. Sept. 29, 1885.			12,899 of 1887. " "		
Pope, 354,840. Dec. 21, 1886.			Mohrig, 406,661. July 9, 1889.		
Latta, 328,235. Oct. 13, 1885.			Stover & Hance, 418,142. Dec. 24, 1889.		
Carter, 301,478. July 8, 1884.			Jeffery, 406,445. July 9, 1889.		
2,006 of 1794. English.			1,213 of 1885. English.		
2,918 of 1876. " "					
1,559 of 1874. " "			446,672 Elliott, Sterling, Feb. 17, 1891, . . .	31	15
439,128 Durkee, George B., Oct. 28, 1890, . . .	26	13	References—Unzicker, 242,490. June 7, 1881.		
References—Greenough, 357,593. Feb. 15, 1887.			Lawson, 90,563. May 25, 1869.		
Hall, 384,360. June 12, 1888.			Jeffery, 398,158. Feb. 19, 1889.		
Dyblie, 419,426. Jan. 14, 1890.			Lawson, 345,851. July 20, 1886.		
5,190 of 1878. English.			Cole, 302,894. Aug. 5, 1884.		
Emerson, 99,546. Feb. 8, 1870.			Farr, 338,052. March 16, 1886.		
440,944 Danzenbaker, Howe E., Nov. 18, 1890, . . .	26	13	Torkelson, 391,212. Oct. 16, 1888.		
References—Torkelson, 426,402. April 22, 1890.			Brice, 243,346. June 21, 1881.		
Hanson & Fryburg, 406,581. July 9, 1889.			Latta, 377,204. Jan. 31, 1888.		
Warwick, 384,946. June 19, 1888.			Griffith, 338,151. March 16, 1886.		
441,649 Dunlop, John B., Dec. 2, 1890, . . .	27	13	House, 388,043. Aug. 21, 1888.		
No references.			Henry, 393,904. Dec. 4, 1888.		
443,663 Latta, Emmitt G., Dec. 30, 1890, . . .	27	13	Hannilman, 225,010. March 2, 1880.		
References—3,688 of 1884. English.			Copeland, 391,947. Oct. 30, 1888.		
12,899 of 1887. " "			Knouse, 405,780. June 25, 1889.		
16,064 of 1886. " "			3,294 of 1886. English.		
9,838 of 1888. " "			Latta, 315,304. April 7, 1885.		
Latta, 323,695. Aug. 4, 1885.					
443,818 Bullard, James H., Dec. 30, 1890, . . .	28	14	447,234 Donnelly, Samuel A., Feb. 24, 1891 . . .	31	16
References—10,610 of 1885. English.			References—Lawson, 345,851. July 20, 1886.		
12,582 of 1887. " "			Warwick, 412,216. Oct. 1, 1889.		
13,127 of 1885. " "			Copeland, 412,322. Oct. 8, 1880.		
Mohrig, 406,661. July 9, 1889.			Hillman, 430,019. June 10, 1880.		
Davis, 410,751. Sept. 10, 1889.			Hillman, 16,736 of 1888. English.		
Stover & Hance, 418,142. Dec. 24, 1889.			Allen, 91,061. June 8, 1869.		
443,938 Fleming, Will A., Dec. 30, 1890, . . .	28	14	Unzicker, 355,038. Dec. 28, 1886.		
References—Davis, 410,751. Sept. 10, 1889.			King, 373,803. Nov. 22, 1887.		
349 of 1884. English.			Latta, 428,919. Oct. 5, 1887.		
2,253 of 1888. " "					
15,496 of 1886. " "			447,434 Latta, Emmitt G., March 3, 1891, . . .	32	16
1,287 of 1888. " "			References—Robinson, 87,204. Feb. 23, 1800.		
			Ledelle, 367,049. July 26, 1887.		
			Barrow & Guest, 425,017. April 8, 1890.		
			Hillman, 430,019. June 10, 1880.		
			Latta, 438,551. Oct. 14, 1890.		
			9,282 of 1887. English.		
			8,700 of 1884. " "		
			42,758. German.		

	P.	C.		P.	C.
447,478 Schindler, Joseph, March 3, 1891,	33	16	453,053 Teetor, Abe L., May 26, 1891,	38	19
References—Thomas, 422,549. March 4, 1890. Valiquet, 357,249. Feb. 8, 1887.			References—Jett, 433,172. July 29, 1890.		
447,741 Semple, Harry, March 3, 1891.	33	16	453,514 Shire, John, June 2, 1891,	38	19
References—Keating, 420,805. Feb. 4, 1890. Stevens, 390,916. Oct. 9, 1888. Overman & Hadley, 385,370. July 3, 1888. Buell, 90,723. June 1, 1869. Davis, 410,751. Sept. 10, 1889. Overman, 381,274. April 17, 1888. Wiggins, 358,178. Feb. 22, 1887. Owen, 398,745. Feb. 26, 1889. 13,782 of 1886. English.			References—Jett, 433,172. July 29, 1890. Hanson, 420,050. Jan. 28, 1890. Duryea, 432,125. July 15, 1890.		
447,835 Leechman, George D., March 10, 1891,	33	17	454,070 Schweers, Raphael, June 16, 1891.	39	19
References—3,564 of 1879. English. 15,496 of 1886.			References—Emerson, 99,546. Feb. 8, 1870. Fleming, 443,938. Dec. 30, 1890.		
448,850 Riess, Rudolph W., March 24, 1891,	34	17	455,220 Lessells, Allan H., June 30, 1891.	39	19
No references.			No references.		
448,960 Hazard, Frederick J. H., March 24, 1891,	34	17	455,673 Vincent, David P., July 7, 1891.	39	20
No references.			References—Smith & Walker, 91,682. June 22, 1869. Samuels, 425,052. April 8, 1890. Oliver, 97,683. Dec. 7, 1869. Marlin, 369,540. Sept. 6, 1887.		
448,969 Lloyd, Walter J., and Priest, William, March 24, 1891,	34	18	455,864 Cornelius, Wilbur F., July 14, 1891,	40	20
References—10,610 of 1885. English. 13,782 of 1886. Latta, 378,253. Feb. 21, 1888.			References—Allen, 91,061. June 8, 1869. Young, 95,753. Oct. 12, 1869. O'Brien, 388,906. Sept. 4, 1888.		
449,581 Evans, John B., March 31, 1891,	35	18	455,945 Huelsen, Felix J., and Nagel, Jacob, July 14, 1891,	40	20
References—Emerson, 99,546. Feb. 8, 1870. Davis, 410,751. Sept. 10, 1889. Jeffery, 398,158. Feb. 19, 1889. 3,294 of 1886. English.			References—Oliver, 97,683. Dec. 7, 1869. Marlin, 369,540. Sept. 6, 1887. Redman, 385,136. June 26, 1888. 17,598. German. Goulding, 404,832. June 11, 1889. Wiggins, 358,178. Feb. 22, 1887.		
450,705 Surbridge, Raymond G., April 21, 1891,	36	18	456,387 Stillman, Walter, Jr., July 21, 1891,	40	20
References—Owen, 392,523. Nov. 6, 1888. Easthope, 404,693. June 4, 1889. Fay, 424,870. April 1, 1890. 12,899 of 1887. English.			References—Gaffey, 137,431. April 1, 1873. Dale & Henderer, 155,183. Sept. 22, 1874. 5,657 of 1883. English. 618 of 1881. Pausey & Crowden, 316,649. April 28, 1885. 3,172 of 1890. English. Lipsey & Hughes, 261,005. July 11, 1882. Grout, 254,639. March 7, 1882.		
450,888 Lloyd, Walter J., and Priest, William, April 21, 1891,	36	18	456,631 Mosher, Samuel E., July 28, 1891,	41	20
References—O'Brien, 388,906. Sept. 4, 1888. Bodreau, 400,727. April 2, 1889. Bullard, 443,818. Dec. 30, 1890. Mohrig, 406,661. July 9, 1889.			References—Emerson, 99,546. Feb. 8, 1870. Davis, 410,751. Sept. 10, 1889.		
451,429 Halladay, Lewis P., April 28, 1891,	37	18	457,080 Garford, Arthur L., Aug. 4, 1891,	41	20
References—Winey, 353,904. Dec. 7, 1886. Hanson & Loben, 420,059. Jan. 28, 1890. Perkins, 309,086. Dec. 9, 1884.			References—Latta, 360,101. March 29, 1887. Clegg, 427,048. May 6, 1890. Fay, 424,870. April 1, 1890. 15,618 of 1884. English.		
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89,149 Irvnig, Joseph, April 20, 1869,	54	27	References—Laubach, 86,235. Jan. 26, 1869. Hoepner, 64,418. May 7, 1867. Buzzell, S. D. (Rejected case) of 1850. Plagge, C. Oct. 29, 1867.		
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89,293 Cowles, Edwin, and Metten, George			No references.		
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90,723 Buell, George C., June 1, 1869,	56	28	References—Blair, J. B., 88,120. March 26, 1869. Lawrence, 92,460. July 13, 1869.		
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91,061 Allen, Arthur M., June 8, 1869,	56	28	References—Souther, 11,446. Aug. 1, 1854. Fuller, 844 of 1856. English.		
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91,682 Smith, Charles H., and Walker,			References—Schmidt, 91,169. June 8, 1869. Young, 96,648. Nov. 9, 1869. Marble, 171,623. Dec. 28, 1875. Buell, 90,723. June 1, 1869.		
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216,231 Shire, John, June 3, 1879,	65	30	References—Hart, 339,765. April 13, 1886.		
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342,620 McClure, Alexander W., May 25,	68	31	Latta, 387,979. Aug. 14, 1888.		
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- 436,873 Hardy, Emery E., Sept. 23, 1890, 78 37
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- 352,190 Jeffery, Thomas B., Nov. 9, 1886, 139 65
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- 359,536 Hazen, William L., and Hildreth,
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321,819 Kelley, William S., July 7, 1885,	162	76	References—Laubash, 86,235. Jan. 26, 1869.		
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329,102 Tryon, Joseph M., Oct. 27, 1885,	165	78	1879.		
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330,346 Owen, Herbert S., Nov. 10, 1885,	165	78	Denham, 222,022. Nov. 25, 1879.		
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331,173 Weidman, George W., Nov. 24,			Richard, 252,329. Jan. 17, 1882.		
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No references.			Kibbe, 385,717. July 10, 1888.		
331,199 Jannus, Frankland, Nov. 24, 1885,	166	79	Price, 384,543. June 12, 1888.		
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342,915 Leddell, Charles S., June 1, 1886,	167	79	404,123 Taylor, George J., May 28, 1889,	175	83
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349,532 Slocomb, John T., Sept. 21, 1886,	168	80	References—Wallace, 318,149. May 19, 1885.		
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350,994 Rich, Williard G., Oct. 19, 1886,	168	80	Latta, 301,245. July 1, 1884.		
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438,935 Montgomery, James W., Oct. 21, 1890,	176	84	References—Rathman & Johnson, 90,687. June 1, 1869.		
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44,256 Goodman, Joseph, Sept. 13, 1864, 179	97		Nye, Charles H. (Rejected case.) Filed March 9, 1869.		
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83,696 Cutter, C. N., Nov. 3, 1868, . . . 180	97		Schmidt, F. June 8, 1869.		
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84,163 Blake, E. K. W., Nov. 17, 1868, . . . 180	97		Batcheler, I. W. Jan. 23, 1872.		
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87,769 Gardner, Franklin B., and Trageser, John, March 16, 1869. 180	97		155,183 Dale, John H., and Henderer, Edmond, Sept. 22, 1874. 186	99	
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- References—Butterfield, 91,602. June 22, 1869.
- 206,020 Hollweg, Julius H., July 16, 1878, 188 100
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- 208,876 Ziehl, Johan A., Oct. 8, 1878, . . 188 100
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- 222,022 Denham, Perry, Nov. 25, 1879, 190 100
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- 222,779 Gilbert, James W., Dec. 23, 1879, 190 100
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- 225,771 Teese, Robert W., March 23, 1880, 191 100
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- 229,500 Unzicker, Otto, June 29, 1880, 191 101
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- 233,903 Zeller, Thomas B., Nov. 2, 1880, 192 101
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